



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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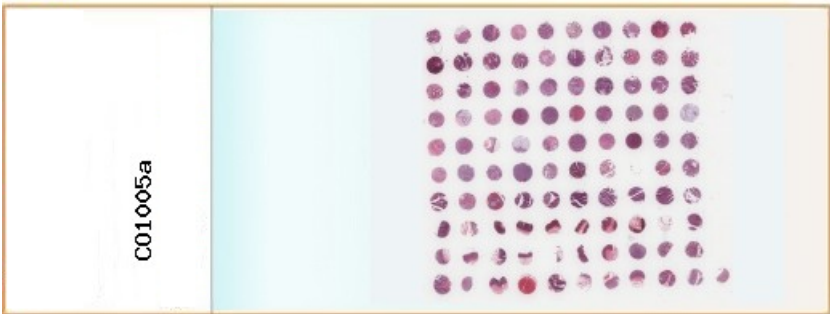
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**CO1005a** : Colon carcinoma, metastatic carcinoma and colon adenoma tissue array with colon tissue as control, including pathology grade, TNM and clinical stage (reference AJCC 8th version), 98 cases/100 cores, replacing CO1005

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                               |  |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--|
| Microarray Panel   | Colon carcinoma, metastatic carcinoma and colon adenoma tissue microarray, containing 35 adenocarcinoma (2 cases with matched adjacent normal colon tissue), 20 metastatic carcinoma, 15 adenoma, 20 adjacent normal colon tissue, 10 colon tissue, single core per case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                               |  |
| Cores              | 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <div>CO1005a H&amp;E</div>  |  |
| Cases              | 98                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                               |  |
| Row number         | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                               |  |
| Column number      | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                               |  |
| Core Diameter (mm) | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                               |  |
| Thickness (µm)     | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                               |  |
| Tissue Array Type  | FFPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                               |  |
| Species            | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                               |  |
| Applications       | Routine histology procedures including Immunohistochemistry (IHC) and In Situ Hybridization (ISH), protocols which can be found at our support page.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                               |  |
| Notes              | <p>1. TMA slides were sectioned and stored at 4°C and may not be fresh cut, but still suitable for IHC. Please request fresh cut if experiment involves phospho-specific antibodies, RNA studies, FISH or ISH, etc. A minimum of 3 slides per TMA must be purchased to cover the cost of trimming for fresh sectioning. 2. Most TMA slides were not coated with an extra layer of paraffin (tissue cores can be easily seen on the glass). <b>To prevent tissue detachment during antigen retrieval, unbaked slides must be baked for at least 30 to 120 minutes at 60°C.</b> before putting into xylene for de-paraffinization. Baked slides were sent out baked for 2 hours.</p> <p>In the following specsheet, "*" means invalid core; "-" means no applicable or negative in IHC markers.</p> |                                                                                                               |  |

|   | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| A | Col | Col | Col | Col | Col | Col | Col | Col | Col | Col |
| B | Col | Col | Col | Col | Col | Col | Col | Col | Col | Col |
| C | Col | Col | Col | Col | Col | Col | Col | Col | Col | Col |
| D | Col | Col | Col | Col | Col | Lym | Lym | Lym | Lym | Lym |
| E | Lym | Lym | Lym | Lym | Lym | Lym | Lym | Lym | Lym | Lym |
| F | Lym | Lym | Lym | Lym | Lym | Col | Col | Col | Col | Col |
| G | Col | Col | Col | Col | Col | Col | Col | Col | Col | Col |
| H | Col | Col | Col | Col | Col | Col | Col | Col | Col | Col |
| I | Col | Col | Col | Col | Col | Col | Col | Col | Col | Col |
| J | Col | Col | Col | Col | Col | Col | Col | Col | Col | Col |

**Legend:** Col - Colon, Lym - Lymph node

● - Benign tumor, ● - Malignant tumor, ● - Malignant tumor (stage I), ● - Malignant tumor (stage IIA), ● - Malignant tumor (stage IIB), ● - Malignant tumor (stage IIIB), ● - Malignant tumor (stage IIIC), ● - Metastasis, ● - NAT, ● - Normal tissue

, tissue IDs are available in exported Excel files.

| Pos. | No. | Age | Sex | Organ/Anatomic Site | Pathology diagnosis | TNM     | Grade | Stage | Type      | Image |
|------|-----|-----|-----|---------------------|---------------------|---------|-------|-------|-----------|-------|
| A1   | 1   | 55  | M   | Colon               | Adenocarcinoma      | T3N2bM0 | 1     | IIIC  | Malignant |       |
| A2   | 2   | 64  | M   | Colon               | Adenocarcinoma      | T4N0M0  | 1     | IIB   | Malignant |       |
| A3   | 3   | 60  | M   | Colon               | Adenocarcinoma      | T3N0M0  | 1     | IIA   | Malignant |       |
| A4   | 4   | 75  | M   | Colon               | Adenocarcinoma      | T4aN0M0 | 1     | IIB   | Malignant |       |
| A5   | 5   | 34  | M   | Colon               | Adenocarcinoma      | T4aN0M0 | 2     | IIB   | Malignant |       |
| A6   | 6   | 57  | F   | Colon               | Adenocarcinoma      | -       | 1-2   | -     | Malignant |       |
| A7   | 7   | 42  | M   | Colon               | Adenocarcinoma      | T3N1M0  | 2     | IIIB  | Malignant |       |
| A8   | 8   | 47  | F   | Colon               | Adenocarcinoma      | T2N0M0  | 2     | I     | Malignant |       |
| A9   | 9   | 60  | F   | Colon               | Adenocarcinoma      | T3N0M0  | 1     | IIA   | Malignant |       |
| A10  | 10  | 60  | F   | Colon               | Adenocarcinoma      | T3N0M0  | 2     | IIA   | Malignant |       |

|     |    |    |   |            |                                                    |          |     |      |            |  |
|-----|----|----|---|------------|----------------------------------------------------|----------|-----|------|------------|--|
| B1  | 11 | 36 | M | Colon      | Adenocarcinoma                                     | T3N1bM0  | 2   | IIIB | Malignant  |  |
| B2  | 12 | 74 | M | Colon      | Adenocarcinoma                                     | T3N0M0   | 2   | IIA  | Malignant  |  |
| B3  | 13 | 53 | F | Colon      | Adenocarcinoma                                     | T2N0M0   | 2   | I    | Malignant  |  |
| B4  | 14 | 64 | M | Colon      | Adenocarcinoma                                     | T3N0M0   | 2   | IIA  | Malignant  |  |
| B5  | 15 | 70 | M | Colon      | Adenocarcinoma                                     | T3N1M0   | 2   | IIIB | Malignant  |  |
| B6  | 16 | 51 | F | Colon      | Adenocarcinoma                                     | T3N1M0   | 2   | IIIB | Malignant  |  |
| B7  | 17 | 58 | M | Colon      | Adenocarcinoma                                     | T3N0M0   | 2   | IIA  | Malignant  |  |
| B8  | 18 | 68 | M | Colon      | Adenocarcinoma                                     | T3N0M0   | 2   | IIA  | Malignant  |  |
| B9  | 19 | 67 | M | Colon      | Adenocarcinoma                                     | T3N0M0   | 2   | IIA  | Malignant  |  |
| B10 | 20 | 65 | F | Colon      | Adenocarcinoma                                     | T3N0M0   | 2   | IIA  | Malignant  |  |
| C1  | 21 | 46 | M | Colon      | Adenocarcinoma                                     | T3N1M0   | 2   | IIIB | Malignant  |  |
| C2  | 22 | 78 | M | Colon      | Adenocarcinoma                                     | T4bN1M0  | 3   | IIIC | Malignant  |  |
| C3  | 23 | 52 | M | Colon      | Adenocarcinoma                                     | T4N2M0   | 3   | IIIC | Malignant  |  |
| C4  | 24 | 75 | M | Colon      | Adenocarcinoma                                     | T3N0M0   | 3   | IIA  | Malignant  |  |
| C5  | 25 | 73 | M | Colon      | Adenocarcinoma                                     | T3N0M0   | 2   | IIA  | Malignant  |  |
| C6  | 26 | 77 | F | Colon      | Adenocarcinoma                                     | T3N1M0   | 2   | IIIB | Malignant  |  |
| C7  | 27 | 52 | F | Colon      | Adenocarcinoma                                     | T2N0M0   | 2   | I    | Malignant  |  |
| C8  | 28 | 57 | M | Colon      | Adenocarcinoma                                     | T3N1M0   | 2   | IIIB | Malignant  |  |
| C9  | 29 | 73 | M | Colon      | Adenocarcinoma                                     | T3N0M0   | 2   | IIA  | Malignant  |  |
| C10 | 30 | 45 | M | Colon      | Adenocarcinoma                                     | T3N0M0   | 2   | IIA  | Malignant  |  |
| D1  | 31 | 27 | M | Colon      | Adenocarcinoma                                     | T4aN0M0  | 2   | IIB  | Malignant  |  |
| D2  | 32 | 49 | F | Colon      | Mucinous adenocarcinoma                            | T4aN1bM0 | -   | IIIB | Malignant  |  |
| D3  | 33 | 61 | M | Colon      | Adenocarcinoma                                     | T4aN0M0  | 2   | IIB  | Malignant  |  |
| D4  | 34 | 49 | F | Colon      | Adenocarcinoma                                     | T4aN2M0  | 3   | IIIC | Malignant  |  |
| D5  | 35 | 48 | F | Colon      | Adenocarcinoma                                     | T4aN0M0  | 3   | IIB  | Malignant  |  |
| D6  | 36 | 72 | M | Lymph node | Metastatic adenocarcinoma from colon               | -        | 2   | -    | Metastasis |  |
| D7  | 37 | 66 | M | Lymph node | Metastatic adenocarcinoma from colon               | -        | 2   | -    | Metastasis |  |
| D8  | 38 | 34 | M | Lymph node | Metastatic adenocarcinoma from colon               | -        | 2   | -    | Metastasis |  |
| D9  | 39 | 58 | M | Lymph node | Metastatic adenocarcinoma from colon               | -        | 3   | -    | Metastasis |  |
| D10 | 40 | 60 | F | Lymph node | Metastatic mucinous adenocarcinoma from colon      | -        | 2   | -    | Metastasis |  |
| E1  | 41 | 59 | F | Lymph node | Metastatic adenocarcinoma with necrosis from colon | -        | 2   | -    | Metastasis |  |
| E2  | 42 | 78 | M | Lymph node | Metastatic adenocarcinoma from colon               | -        | 2   | -    | Metastasis |  |
| E3  | 43 | 53 | F | Lymph node | Metastatic adenocarcinoma from colon               | -        | 1   | -    | Metastasis |  |
| E4  | 44 | 77 | F | Lymph node | Metastatic adenocarcinoma from colon               | -        | 2   | -    | Metastasis |  |
| E5  | 45 | 52 | F | Lymph node | Metastatic adenocarcinoma from colon               | -        | 2-3 | -    | Metastasis |  |
| E6  | 46 | 35 | M | Lymph node | Metastatic adenocarcinoma from colon               | -        | 3   | -    | Metastasis |  |
| E7  | 47 | 56 | M | Lymph node | Metastatic adenocarcinoma from colon               | -        | 3   | -    | Metastasis |  |
| E8  | 48 | 46 | M | Lymph node | Metastatic adenocarcinoma from colon               | -        | 3   | -    | Metastasis |  |
| E9  | 49 | 30 | M | Lymph node | Metastatic mucinous adenocarcinoma from colon      | -        | 3   | -    | Metastasis |  |
| E10 | 50 | 51 | F | Lymph node | Metastatic undifferentiated carcinoma from colon   | -        | -   | -    | Metastasis |  |
| F1  | 51 | 47 | F | Lymph node | Metastatic adenocarcinoma from colon               | -        | 3   | -    | Metastasis |  |
| F2  | 52 | 38 | F | Lymph node | Metastatic mucinous adenocarcinoma from colon      | -        | 3   | -    | Metastasis |  |
| F3  | 53 | 42 | M | Lymph node | Metastatic adenocarcinoma from colon               | -        | 3   | -    | Metastasis |  |
| F4  | 54 | 79 | M | Lymph node | Metastatic mucinous adenocarcinoma from colon      | -        | 3   | -    | Metastasis |  |
| F5  | 55 | 58 | M | Lymph node | Metastatic undifferentiated carcinoma from colon   | -        | -   | -    | Metastasis |  |
| F6  | 56 | 52 | F | Colon      | Villous adenoma                                    | -        | -   | -    | Benign     |  |
| F7  | 57 | 41 | M | Colon      | Adenoma (colon mucosa)                             | -        | *   | -    | Benign     |  |
| F8  | 58 | 43 | F | Colon      | Adenoma (blank)                                    | -        | *   | -    | Benign     |  |
| F9  | 59 | 60 | F | Colon      | Adenoma (colon tissue)                             | -        | *   | -    | Benign     |  |
| F10 | 60 | 33 | M | Colon      | Tubular adenoma                                    | -        | -   | -    | Benign     |  |
| G1  | 61 | 40 | F | Colon      | Villous adenoma                                    | -        | -   | -    | Benign     |  |
| G2  | 62 | 21 | M | Colon      | Tubular adenoma                                    | -        | -   | -    | Benign     |  |
| G3  | 63 | 20 | F | Colon      | Tubular adenoma                                    | -        | -   | -    | Benign     |  |
| G4  | 64 | 40 | M | Colon      | Villous adenoma                                    | -        | -   | -    | Benign     |  |
| G5  | 65 | 44 | F | Colon      | Villous adenoma                                    | -        | -   | -    | Benign     |  |

|     |     |    |   |       |                                                                              |   |   |   |        |  |
|-----|-----|----|---|-------|------------------------------------------------------------------------------|---|---|---|--------|--|
| G6  | 66  | 57 | F | Colon | Villous adenoma                                                              | - | - | - | Benign |  |
| G7  | 67  | 41 | F | Colon | Villous adenoma                                                              | - | - | - | Benign |  |
| G8  | 68  | 50 | F | Colon | Villous adenoma                                                              | - | - | - | Benign |  |
| G9  | 69  | 69 | M | Colon | Villous adenoma                                                              | - | - | - | Benign |  |
| G10 | 70  | 66 | F | Colon | Villous adenoma                                                              | - | - | - | Benign |  |
| H1  | 71  | 58 | F | Colon | Adjacent normal colon tissue                                                 | - | - | - | NAT    |  |
| H2  | 72  | 56 | M | Colon | Adjacent normal colon tissue                                                 | - | - | - | NAT    |  |
| H3  | 73  | 68 | M | Colon | Adjacent normal colon tissue                                                 | - | - | - | NAT    |  |
| H4  | 74  | 76 | M | Colon | Adjacent normal colon tissue                                                 | - | - | - | NAT    |  |
| H5  | 75  | 87 | M | Colon | Adjacent normal colon tissue                                                 | - | - | - | NAT    |  |
| H6  | 76  | 45 | M | Colon | Adjacent normal colon tissue                                                 | - | - | - | NAT    |  |
| H7  | 77  | 63 | M | Colon | Adjacent normal colon tissue                                                 | - | - | - | NAT    |  |
| H8  | 78  | 71 | M | Colon | Adjacent normal colon tissue                                                 | - | - | - | NAT    |  |
| H9  | 79  | 72 | M | Colon | Adjacent normal colon tissue (fibrous tissue, blood vessel and fatty tissue) | - | * | - | NAT    |  |
| H10 | 80  | 39 | F | Colon | Adjacent normal colon tissue                                                 | - | - | - | NAT    |  |
| I1  | 81  | 75 | F | Colon | Adjacent normal colon tissue                                                 | - | - | - | NAT    |  |
| I2  | 82  | 60 | F | Colon | Adjacent normal colon tissue of No.10                                        | - | - | - | NAT    |  |
| I3  | 83  | 36 | M | Colon | Adjacent normal colon tissue of No.11                                        | - | - | - | NAT    |  |
| I4  | 84  | 74 | F | Colon | Adjacent normal colon tissue                                                 | - | - | - | NAT    |  |
| I5  | 85  | 81 | M | Colon | Adjacent normal colon tissue                                                 | - | - | - | NAT    |  |
| I6  | 86  | 59 | M | Colon | Adjacent normal colon tissue                                                 | - | - | - | NAT    |  |
| I7  | 87  | 75 | M | Colon | Adjacent normal colon tissue                                                 | - | - | - | NAT    |  |
| I8  | 88  | 62 | M | Colon | Adjacent normal colon tissue                                                 | - | - | - | NAT    |  |
| I9  | 89  | 41 | M | Colon | Adjacent normal colon tissue                                                 | - | - | - | NAT    |  |
| I10 | 90  | 51 | M | Colon | Adjacent normal colon tissue                                                 | - | - | - | NAT    |  |
| J1  | 91  | 39 | F | Colon | Colon tissue                                                                 | - | - | - | Normal |  |
| J2  | 92  | 23 | M | Colon | Colon tissue                                                                 | - | - | - | Normal |  |
| J3  | 93  | 32 | M | Colon | Colon tissue                                                                 | - | - | - | Normal |  |
| J4  | 94  | 35 | M | Colon | Colon tissue (smooth muscle)                                                 | - | * | - | Normal |  |
| J5  | 95  | 30 | M | Colon | Colon tissue                                                                 | - | - | - | Normal |  |
| J6  | 96  | 35 | M | Colon | Colon tissue                                                                 | - | - | - | Normal |  |
| J7  | 97  | 40 | M | Colon | Colon tissue                                                                 | - | - | - | Normal |  |
| J8  | 98  | 28 | M | Colon | Colon tissue                                                                 | - | - | - | Normal |  |
| J9  | 99  | 45 | M | Colon | Colon tissue                                                                 | - | - | - | Normal |  |
| J10 | 100 | 21 | F | Colon | Colon tissue                                                                 | - | - | - | Normal |  |
| -   | 0   |    |   |       |                                                                              |   |   |   |        |  |

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