



# 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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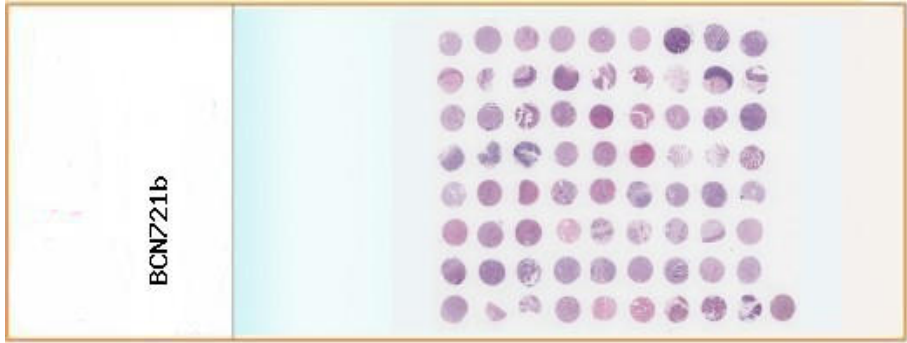
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**BCN721b** : Multiple organ tumor with adjacent normal tissue array, including pathology grade, TNM and clinical stage, replaing BCN721a

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                               |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Microarray Panel   | Multiple organ tumor with adjacent normal tissue microarray, containing 12 types of human organs (esophagus, stomach, colon, rectum, liver, lung, kidney, breast, cervix, ovary, prostate and pancreas), each type taken from 6 normal human individuals, single core per case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                               |
| Cores              | 72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <div>BCN721b H&amp;E</div>  |
| Cases              | 72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                               |
| Row number         | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                               |
| Column number      | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                               |
| Core Diameter (mm) | 1.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                               |
| 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   |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| A | Es  | Es  | Es  | Sto | Sto | Sto | Col | Col | Col |
| B | Es  | Es  | Es  | Sto | Sto | Sto | Col | Col | Col |
| C | Rec | Rec | Rec | Liv | Liv | Liv | Lun | Lun | Lun |
| D | Rec | Rec | Rec | Liv | Liv | Liv | Lun | Lun | Lun |
| E | Kid | Kid | Kid | Bre | Bre | Bre | Cer | Cer | Cer |
| F | Kid | Kid | Kid | Bre | Bre | Bre | Cer | Cer | Cer |
| G | Ova | Ova | Ova | Pro | Pro | Pro | Pan | Pan | Pan |
| H | Ova | Ova | Ova | Pro | Pro | Pro | Pan | Pan | Adr |

**Legend:** Es - Esophagus, Bre - Breast, Cer - Cervix, Col - Colon, Kid - Kidney, Liv - Liver, Lun - Lung, Ova - Ovary, Pan - Pancreas, Pro - Prostate, Rec - Rectum, Sto - Stomach

● - AT, ● - Malignant tumor, ● - Malignant tumor (stage I), ● - Malignant tumor (stage IA), ● - Malignant tumor (stage IB), ● - Malignant tumor (stage II), ● - Malignant tumor (stage IIA), ● - Malignant tumor (stage IIB), ● - Malignant tumor (stage III), ● - Malignant tumor (stage IIIA), ● - Malignant tumor (stage IIIB), ● - Malignant tumor (stage IIIC), ● - Malignant tumor (stage IVA), ● - NAT

, tissue IDs are available in exported Excel files.

| Pos. | No. | Age | Sex | Organ/Anatomic Site | Pathology diagnosis              | TNM    | Grade | Stage | Type      | Image                                                                                 |
|------|-----|-----|-----|---------------------|----------------------------------|--------|-------|-------|-----------|---------------------------------------------------------------------------------------|
| A1   | 1   | 62  | M   | Esophagus           | Squamous cell carcinoma          | T3N1M0 | 2     | IIIA  | Malignant |  |
| A2   | 2   | 56  | M   | Esophagus           | Squamous cell carcinoma          | T3N0M0 | 2     | IIA   | Malignant |  |
| A3   | 3   | 72  | F   | Esophagus           | Squamous cell carcinoma          | T2N0M0 | 2     | IIA   | Malignant |  |
| A4   | 4   | 74  | M   | Stomach             | Adenocarcinoma                   | T3N1M0 | 3     | IIIA  | Malignant |  |
| A5   | 5   | 56  | M   | Stomach             | Adenocarcinoma                   | T3N1M0 | 3     | IIIA  | Malignant |  |
| A6   | 6   | 55  | F   | Stomach             | Adenocarcinoma                   | T3N3M0 | 3     | IIIC  | Malignant |  |
| A7   | 7   | 67  | M   | Colon               | Adenocarcinoma                   | T3N0M0 | 1     | IIA   | Malignant |  |
| A8   | 8   | 58  | M   | Colon               | Adenocarcinoma                   | T3N1M0 | 2     | IIIB  | Malignant |  |
| A9   | 9   | 37  | M   | Colon               | Adenocarcinoma                   | T4N1M0 | 3     | IIIB  | Malignant |  |
| B1   | 10  | 38  | M   | Esophagus           | Adjacent normal esophagus tissue | -      | -     | -     | NAT       |  |
| B2   | 11  | 64  | M   | Esophagus           | Adjacent normal esophagus tissue | -      | -     | -     | NAT       |  |
| B3   | 12  | 48  | M   | Esophagus           | Adjacent normal esophagus tissue | -      | -     | -     | NAT       |  |
| B4   | 13  | 54  | M   | Stomach             | Adjacent normal stomach tissue   | -      | -     | -     | NAT       |  |

|    |    |    |   |               |                                        |         |   |      |           |                                                                                       |
|----|----|----|---|---------------|----------------------------------------|---------|---|------|-----------|---------------------------------------------------------------------------------------|
| B5 | 14 | 54 | M | Stomach       | Adjacent normal stomach tissue         | -       | - | -    | NAT       |      |
| B6 | 15 | 64 | F | Stomach       | Adjacent normal stomach tissue         | -       | - | -    | NAT       |     |
| B7 | 16 | 56 | F | Colon         | Adjacent normal colon tissue           | -       | * | -    | NAT       |    |
| B8 | 17 | 70 | F | Colon         | Adjacent normal colon tissue           | -       | - | -    | NAT       |    |
| B9 | 18 | 64 | F | Colon         | Adjacent normal colon tissue           | -       | - | -    | NAT       |    |
| C1 | 19 | 55 | M | Rectum        | Adenocarcinoma                         | T3N0M0  | 2 | IIA  | Malignant |    |
| C2 | 20 | 67 | M | Rectum        | Adenocarcinoma                         | T4N0M0  | 2 | IIB  | Malignant |    |
| C3 | 21 | 44 | F | Rectum        | Adenocarcinoma                         | T3N1M0  | 3 | IIIB | Malignant |    |
| C4 | 22 | 32 | F | Liver         | Hepatocellular carcinoma               | T3N0M0  | 1 | IIIA | Malignant |    |
| C5 | 23 | 40 | M | Liver         | Hepatocellular carcinoma               | T3N1M0  | 2 | IVA  | Malignant |    |
| C6 | 24 | 55 | F | Liver         | Hepatocellular carcinoma               | T3N0M0  | 2 | IIIA | Malignant |    |
| C7 | 25 | 66 | M | Lung          | Squamous cell carcinoma                | T2N0M0  | 2 | IB   | Malignant |    |
| C8 | 26 | 55 | M | Lung          | Squamous cell carcinoma                | T2N1M0  | 2 | IIB  | Malignant |    |
| C9 | 27 | 55 | M | Lung          | Squamous cell carcinoma                | T2N1M0  | 2 | IIB  | Malignant |    |
| D1 | 28 | 43 | F | Rectum        | Cancer adjacent rectum tissue          | -       | - | -    | AT        |    |
| D2 | 29 | 52 | M | Rectum        | Adjacent normal rectum tissue          | -       | - | -    | NAT       |    |
| D3 | 30 | 67 | M | Rectum        | Adjacent normal rectum tissue          | -       | - | -    | NAT       |    |
| D4 | 31 | 63 | M | Liver         | Adjacent normal liver tisseeue         | -       | - | -    | NAT       |    |
| D5 | 32 | 55 | M | Liver         | Adjacent normal liver tisseeue         | -       | - | -    | NAT       |    |
| D6 | 33 | 56 | M | Liver         | Adjacent normal liver tisseeue         | -       | - | -    | NAT       |    |
| D7 | 34 | 68 | F | Lung          | Adjacent normal lung tissue            | -       | - | -    | NAT       |    |
| D8 | 35 | 65 | M | Lung          | Adjacent normal lung tissue            | -       | - | -    | NAT       |    |
| D9 | 36 | 68 | M | Lung          | Adjacent normal lung tissue            | -       | - | -    | NAT       |    |
| E1 | 37 | 70 | M | Kidney        | Clear cell carcinoma                   | T1N0M0  | 1 | I    | Malignant |    |
| E2 | 38 | 46 | M | Kidney        | Clear cell carcinoma                   | T1N0M0  | 1 | I    | Malignant |    |
| E3 | 39 | 82 | M | Kidney        | Clear cell carcinoma                   | T1N0M0  | 2 | I    | Malignant |    |
| E4 | 40 | 29 | F | Breast        | Invasive carcinoma of no special type  | T2N0M0  | 1 | IIA  | Malignant |   |
| E5 | 41 | 51 | F | Breast        | Invasive carcinoma of no special type  | T4N0M0  | 2 | IIIB | Malignant |  |
| E6 | 42 | 63 | F | Breast        | Invasive carcinoma of no special type  | T2N0M0  | 3 | IIA  | Malignant |  |
| E7 | 43 | 45 | F | Cervix        | Squamous cell carcinoma                | T2N0M0  | 3 | II   | Malignant |  |
| E8 | 44 | 76 | F | Cervix        | Squamous cell carcinoma                | T2N0M0  | 2 | II   | Malignant |  |
| E9 | 45 | 47 | F | Cervix        | Squamous cell carcinoma                | T2N0M0  | 1 | II   | Malignant |  |
| F1 | 46 | 54 | M | Kidney        | Adjacent normal kidney tissue          | -       | - | -    | NAT       |  |
| F2 | 47 | 56 | M | Kidney        | Adjacent normal kidney tissue          | -       | - | -    | NAT       |  |
| F3 | 48 | 61 | F | Kidney        | Adjacent normal kidney tissue          | -       | - | -    | NAT       |  |
| F4 | 49 | 43 | F | Breast        | Adjacent normal breast tissue          | -       | - | -    | NAT       |  |
| F5 | 50 | 38 | F | Breast        | Adjacent normal breast tissue          | -       | - | -    | NAT       |  |
| F6 | 51 | 41 | F | Breast        | Adjacent normal breast tissue          | -       | - | -    | NAT       |  |
| F7 | 52 | 39 | F | Cervix        | Adjacent normal cervical canals tissue | -       | - | -    | NAT       |  |
| F8 | 53 | 25 | F | Cervix        | Adjacent normal cervical tissue        | -       | - | -    | NAT       |  |
| F9 | 54 | 49 | F | Cervix        | Adjacent normal cervical tissue        | -       | * | -    | NAT       |  |
| G1 | 55 | 55 | F | Ovary         | High grade serous carcinoma            | T1aN0M0 | - | IA   | Malignant |  |
| G2 | 56 | 49 | F | Ovary         | High grade serous carcinoma            | T2N0M0  | - | II   | Malignant |  |
| G3 | 57 | 48 | F | Ovary         | High grade serous carcinoma            | T1bN0M0 | - | IB   | Malignant |  |
| G4 | 58 | 76 | M | Prostate      | Adenocarcinoma                         | T3N0M0  | 2 | III  | Malignant |  |
| G5 | 59 | 80 | M | Prostate      | Adenocarcinoma                         | T3N0M0  | 2 | III  | Malignant |  |
| G6 | 60 | 82 | M | Prostate      | Adenocarcinoma                         | T2N0M0  | 3 | II   | Malignant |  |
| G7 | 61 | 55 | M | Pancreas      | Duct adenocarcinoma                    | T3N0M0  | 2 | IIA  | Malignant |  |
| G8 | 62 | 65 | M | Pancreas      | Duct adenocarcinoma                    | T3N0M0  | 2 | IIA  | Malignant |  |
| G9 | 63 | 68 | F | Pancreas      | Duct adenocarcinoma                    | T2N0M0  | 2 | IB   | Malignant |  |
| H1 | 64 | 53 | F | Ovary         | Adjacent normal ovary tissue           | -       | - | -    | NAT       |  |
| H2 | 65 | 45 | F | Ovary         | Adjacent normal ovary tissue           | -       | - | -    | NAT       |  |
| H3 | 66 | 40 | F | Ovary         | Adjacent normal ovary tissue           | -       | - | -    | NAT       |  |
| H4 | 67 | 63 | M | Prostate      | Adjacent normal prostate tissue        | -       | - | -    | NAT       |  |
| H5 | 68 | 52 | M | Prostate      | Adjacent normal prostate tissue        | -       | * | -    | NAT       |  |
| H6 | 69 | 35 | M | Prostate      | Adjacent normal prostate tissue        | -       | - | -    | NAT       |  |
| H7 | 70 | 69 | F | Pancreas      | Adjacent normal pancreas tissue        | -       | - | -    | NAT       |  |
| H8 | 71 | 64 | M | Pancreas      | Adjacent normal pancreas tissue        | -       | - | -    | NAT       |  |
| H9 | 72 | 70 | M | Pancreas      | Adjacent normal pancreas tissue        | -       | - | -    | NAT       |  |
| -  | 0  | 42 | M | Adrenal gland | Pheochromocytoma (tissue marker)       |         | - |      | Malignant |                                                                                       |

TNM grading:

**T - Primary tumor**

Tx - Primary tumor cannot be assessed

T0 - No evidence of primary tumor

Tis - Carcinoma in situ; intraepithelial or invasion of lamina propria

T1 - Tumor invades submucosa

T2 - Tumor invades muscularis propria

T3 - Tumor invades through muscularis propria into subserosa or into non-peritonealized pericolic or perirectal tissues.

T4 - Tumor directly invades other organs or structures and/or perforate visceral peritoneum

**N - Regional lymph nodes**

Nx - Regional lymph nodes cannot be assessed

N0 - No regional lymph node metastasis

N1 - Metastasis in 1 to 3 regional lymph nodes

N2 - Metastasis in 4 or more regional lymph nodes

**M - Distant metastasis**

Mx - Distant metastasis cannot be assessed

M0 - No distant metastasis

M1 - Distant metastasis

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