



# SZABO SCANDIC

Part of Europa Biosite

## 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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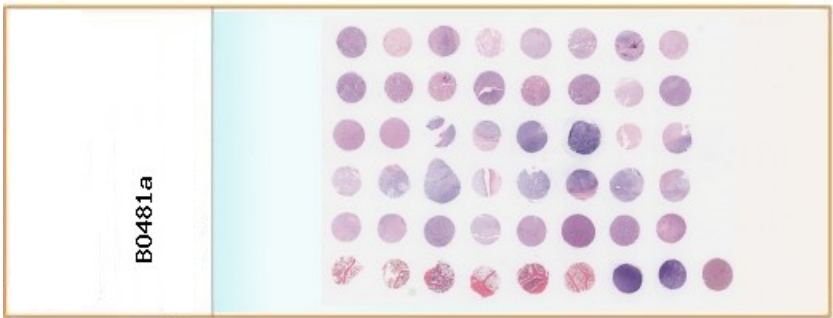
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**BO481a** : Bone and cartilage tumor tissue array with bone tissue, including TNM and clinical stage, 48 cores/48 cases, replacing BO481

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                    |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Microarray Panel   | Bone and cartilage tumor tissue microarray, containing 40 cases cartilage tumor and 8 bone tissue, single cores per case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                    |
| Cores              | 48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Cases              | 48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                    |
| Row number         | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                    |
| Column number      | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                    |
| Core Diameter (mm) | 1.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                    |
| Thickness (µm)     | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                    |
| Quality Control    | H&E and IHC confirmed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                    |
| Tissue Array Type  | FFPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                    |
| Species            | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                    |
| Applications       | 54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                    |
| 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   |
|---|-----|-----|-----|-----|-----|-----|-----|-----|
| A | Bon | Bon | Bon | Bon | Bon | Bon | Bon | Bon |
| B | Bon | Bon | Bon | Bon | Bon | Bon | Bon | Bon |
| C | Bon | Bon | Car | Car | Car | Car | Car | Car |
| D | Car | Car | Car | Car | Car | Car | Car | Car |
| E | Car | Car | Car | Car | Car | Bon | Bon | Bon |
| F | Bon | Bon | Bon | Bon | Bon | Bon | Car | Car |

**Legend:** Bon - Bone , Car - Cartilage

● - Malignant tumor, ● - Malignant tumor, ● - Malignant tumor (stage IB), ● - Malignant tumor (stage IB G1), ● - Malignant tumor (stage IIA), ● - Malignant tumor (stage IIA G3), ● - Malignant tumor (stage IIB), ● - Malignant tumor (stage IIB G3), ● - 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   | 17  | M   | Bone                | Osteoblastic osteosarcoma of left lower femur  | T2N0M0 |       | IIB    | Malignant |       |
| A2   | 2   | 38  | F   | Bone                | Osteosarcoma of right scapula (sparse)         | T1N0M0 |       | IIA G3 | Malignant |       |
| A3   | 3   | 17  | M   | Bone                | Osteosarcoma of right upper femur              | T2N0M0 |       | IIB G3 | Malignant |       |
| A4   | 4   | 15  | F   | Bone                | Osteosarcoma of left knee (sparse)             | T2N0M0 |       | IIB G3 | Malignant |       |
| A5   | 5   | 10  | M   | Bone                | Osteosarcoma of left tibia (chondrocyte type)  | T2N0M0 |       | IB G1  | Malignant |       |
| A6   | 6   | 32  | F   | Bone                | Osteoblastic osteosarcoma of left lower femur  | T2N0M0 |       | IIA    | Malignant |       |
| A7   | 7   | 13  | M   | Bone                | Osteosarcoma of left tibia                     | T2N0M0 |       | IIB G3 | Malignant |       |
| A8   | 8   | 29  | M   | Bone                | Osteosarcoma of left upper femur               | T1N0M0 |       | IIA G3 | Malignant |       |
| B1   | 9   | 31  | M   | Bone                | Osteoblastic osteosarcoma of left humerus      | T2N0M0 |       | IIB G3 | Malignant |       |
| B2   | 10  | 23  | M   | Bone                | Osteoblastic osteosarcoma of left lower femur  | T2N0M0 |       | IIB G3 | Malignant |       |
| B3   | 11  | 47  | F   | Bone                | Osteoblastic osteosarcoma of left lower femur  | T2N0M0 |       | IIB G3 | Malignant |       |
| B4   | 12  | 14  | F   | Bone                | Osteoblastic osteosarcoma of left upper tibia  | T2N0M0 |       | IIB    | Malignant |       |
| B5   | 13  | 30  | M   | Bone                | Osteoblastic osteosarcoma of right lower femur | T2N0M0 |       | IIB G3 | Malignant |       |

|    |    |    |   |               |                                                                          |        |        |           |  |
|----|----|----|---|---------------|--------------------------------------------------------------------------|--------|--------|-----------|--|
| B6 | 14 | 64 | M | Bone          | Osteoblastic osteosarcoma of left upper femur                            | T2N0M0 | IIB G3 | Malignant |  |
| B7 | 15 | 16 | F | Bone          | Osteoblastic osteosarcoma of left lower femur                            | T2N0M0 | IB     | Malignant |  |
| B8 | 16 | 32 | F | Bone          | Fibroblastic osteosarcoma of right upper humerus                         | T2N0M0 | IIB G3 | Malignant |  |
| C1 | 17 | 32 | F | Bone          | Fibroblastic osteosarcoma of right lower femur                           | T2N0M0 | IIB G3 | Malignant |  |
| C2 | 18 | 27 | M | Bone          | Fibroblastic osteosarcoma of right humerus                               | -      | -      | Malignant |  |
| C3 | 19 | 56 | F | Cartilage     | Chondrosarcoma of lower limb                                             | -      | -      | Malignant |  |
| C4 | 20 | 28 | F | Cartilage     | Well-differentiated chondrosarcoma of left lower femur                   | -      | -      | Malignant |  |
| C5 | 21 | 29 | M | Cartilage     | Well-differentiated chondrosarcoma of left neck                          | -      | -      | Malignant |  |
| C6 | 22 | 22 | M | Cartilage     | Well-differentiated chondrosarcoma of left chest wall                    | -      | -      | Malignant |  |
| C7 | 23 | 15 | M | Cartilage     | Well-differentiated chondrosarcoma of paravertebral                      | -      | -      | Malignant |  |
| C8 | 24 | 42 | F | Cartilage     | Well-differentiated chondrosarcoma of left pubic branch (fibrous tissue) | -      | -      | Malignant |  |
| D1 | 25 | 49 | F | Cartilage     | Well-differentiated chondrosarcoma of right epipodite                    | -      | -      | Malignant |  |
| D2 | 26 | 33 | M | Cartilage     | Well-differentiated chondrosarcoma of right thigh                        | -      | -      | Malignant |  |
| D3 | 27 | 33 | M | Cartilage     | Well-differentiated chondrosarcoma of lumbar part                        | -      | -      | Malignant |  |
| D4 | 28 | 42 | F | Cartilage     | Well-differentiated chondrosarcoma of right thigh                        | -      | -      | Malignant |  |
| D5 | 29 | 46 | F | Cartilage     | Well-differentiated chondrosarcoma of right sixth-seven ribs             | -      | -      | Malignant |  |
| D6 | 30 | 24 | M | Cartilage     | Well-differentiated chondrosarcoma of ribs                               | -      | -      | Malignant |  |
| D7 | 31 | 58 | F | Cartilage     | Well-differentiated chondrosarcoma of left shoulder                      | -      | -      | Malignant |  |
| D8 | 32 | 42 | M | Cartilage     | Intermediate grade chondrosarcoma                                        | -      | -      | Malignant |  |
| E1 | 33 | 52 | M | Cartilage     | Well-differentiated chondrosarcoma of nasal vestibule                    | -      | -      | Malignant |  |
| E2 | 34 | 38 | M | Cartilage     | Well-differentiated chondrosarcoma                                       | -      | -      | Malignant |  |
| E3 | 35 | 40 | M | Cartilage     | Chondrosarcoma of right lower femur (highly malignant)                   | -      | -      | Malignant |  |
| E4 | 36 | 35 | F | Cartilage     | Moderate-differentiated chondrosarcoma of left pars sacralis             | -      | -      | Malignant |  |
| E5 | 37 | 28 | M | Cartilage     | Dedifferentiated chondrosarcoma of left sole of foot                     | -      | -      | Malignant |  |
| E6 | 38 | 38 | F | Bone          | Giant cell tumor of left wrist                                           | -      | -      | Malignant |  |
| E7 | 39 | 32 | M | Bone          | Giant cell tumor of right ribs                                           | -      | -      | Malignant |  |
| E8 | 40 | 41 | M | Bone          | Giant cell tumor of sacrum                                               | -      | -      | Malignant |  |
| F1 | 41 | 67 | M | Bone          | Bone trabecula and bone marrow tissue                                    | -      | -      | NAT       |  |
| F2 | 42 | 45 | M | Bone          | Bone trabecula and bone marrow tissue                                    | -      | -      | NAT       |  |
| F3 | 43 | 43 | M | Bone          | Bone trabecula and bone marrow tissue                                    | -      | -      | NAT       |  |
| F4 | 44 | 45 | F | Bone          | Bone trabecula and bone marrow tissue                                    | -      | -      | NAT       |  |
| F5 | 45 | 62 | M | Bone          | Bone trabecula and bone marrow tissue                                    | -      | -      | NAT       |  |
| F6 | 46 | 71 | M | Bone          | Bone trabecula and bone marrow tissue                                    | -      | -      | NAT       |  |
| F7 | 47 | 15 | F | Cartilage     | Cartilage tissue                                                         | -      | -      | Normal    |  |
| F8 | 48 | 21 | F | Cartilage     | Cartilage tissue                                                         | -      | -      | Normal    |  |
| -  | 0  | 42 | M | Adrenal gland | Pheochromocytoma (tissue marker)                                         | -      | -      | Malignant |  |

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