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


**SZABO-SCANDIC HandelsgmbH**

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

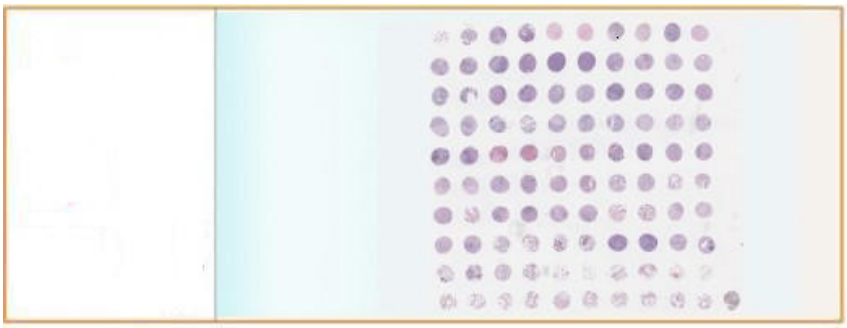
www.szabo-scandic.com

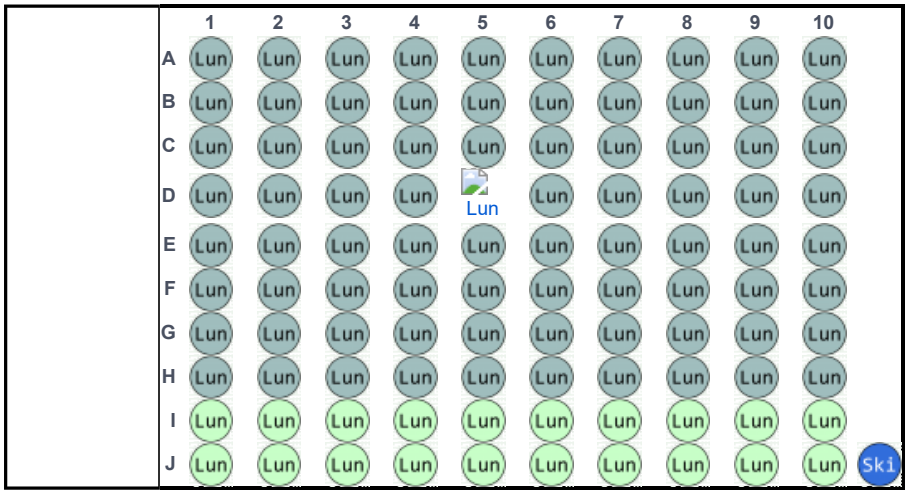
linkedin.com/company/szaboscandic

# LC1007 : Lung tuberculosis tissue array with normal tissue, 48 cases/100 cores

| | |
|---|---|
| Microarray Panel | Lung tuberculosis tissue microarray, including 40 cases of tuberculosis, 4 cases of matched or unmatched adjacent normal tissue and 6 normal tissues from autopsy, duplicated cores per case |
| Cores | 100 |
| Cases | 48 |
| Row number | 10 |
| Column number | 10 |
| Core Diameter (mm) | 1 |
| Thickness (μm) | 5 |
| QA/QC | Anti-Cytokeratin (CK) confirmed |
| 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 | 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). **To prevent tissue detachment during antigen retrieval, unbaked slides must be baked for at least 30 to 120 minutes at 60°C**. before putting into xylene for de-paraffinization. Baked slides were sent out baked for 2 hours.<br>In the following specsheet,"*" means invalid core; "-" means no applicable or negative in IHC markers. |

LC1007 H&E






**Legend:** **Lun** - Lung

- Inflammation, - Malignant tumor, - 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 | 48 | M | Lung | Tuberculosis | | | | inflammation | |
| A2 | 2 | 48 | M | Lung | Tuberculosis | | | | inflammation | |
| A3 | 3 | 33 | M | Lung | Tuberculosis | | | | inflammation | |
| A4 | 4 | 33 | M | Lung | Tuberculosis | | | | inflammation | |
| A5 | 5 | 35 | M | Lung | Tuberculosis (degenerative and necrotic tissue) | | | | inflammation | |
| A6 | 6 | 35 | M | Lung | Tuberculosis (degenerative and necrotic tissue) | | | | inflammation | |
| A7 | 7 | 48 | F | Lung | Tuberculosis | | | | inflammation | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| A8 | 8 | 48 | F | Lung | Tuberculosis | | | | inflammation | |
| A9 | 9 | 46 | F | Lung | Tuberculosis | | | | inflammation | |
| A10 | 10 | 46 | F | Lung | Tuberculosis | | | | inflammation | |
| B1 | 11 | 66 | F | Lung | Tuberculosis | | | | inflammation | |
| B2 | 12 | 66 | F | Lung | Tuberculosis | | | | inflammation | |
| B3 | 13 | 54 | M | Lung | Tuberculosis | | | | inflammation | |
| B4 | 14 | 54 | M | Lung | Tuberculosis | | | | inflammation | |
| B5 | 15 | 48 | M | Lung | Tuberculosis (sparse) | | | | inflammation | |
| B6 | 16 | 48 | M | Lung | Tuberculosis | | | | inflammation | |
| B7 | 17 | 63 | M | Lung | Tuberculosis | | | | inflammation | |
| B8 | 18 | 63 | M | Lung | Tuberculosis | | | | inflammation | |
| B9 | 19 | 63 | M | Lung | Tuberculosis | | | | inflammation | |
| B10 | 20 | 63 | M | Lung | Tuberculosis | | | | inflammation | |
| C1 | 21 | 57 | F | Lung | Tuberculosis | | | | inflammation | |
| C2 | 22 | 57 | F | Lung | Tuberculosis | | | | inflammation | |
| C3 | 23 | 41 | F | Lung | Tuberculosis | | | | inflammation | |
| C4 | 24 | 41 | F | Lung | Tuberculosis | | | | inflammation | |
| C5 | 25 | 63 | M | Lung | Tuberculosis | | | | inflammation | |
| C6 | 26 | 63 | M | Lung | Tuberculosis | | | | inflammation | |
| C7 | 27 | 50 | F | Lung | Tuberculosis | | | | inflammation | |
| C8 | 28 | 50 | F | Lung | Tuberculosis | | | | inflammation | |
| C9 | 29 | 61 | F | Lung | Tuberculosis | | | | inflammation | |
| C10 | 30 | 61 | F | Lung | Tuberculosis | | | | inflammation | |
| D1 | 31 | 51 | F | Lung | Tuberculosis | | | | inflammation | |
| D2 | 32 | 51 | F | Lung | Tuberculosis | | | | inflammation | |
| D3 | 33 | 39 | M | Lung | Tuberculosis | | | | inflammation | |
| D4 | 34 | 39 | M | Lung | Tuberculosis (exudative inflammation of tuber culosis) | | | | inflammation | |
| D5 | 35 | 60 | F | Lung | Tuberculosis | | | | inflammation | |
| D6 | 36 | 60 | F | Lung | Tuberculosis | | | | inflammation | |
| D7 | 37 | 61 | F | Lung | Tuberculosis | | | | inflammation | |
| D8 | 38 | 61 | F | Lung | Tuberculosis | | | | inflammation | |
| D9 | 39 | 46 | M | Lung | Tuberculosis (necrotic tissue) | | | | inflammation | |
| D10 | 40 | 46 | M | Lung | Tuberculosis (necrotic tissue) | | | | inflammation | |
| E1 | 41 | 45 | M | Lung | Tuberculosis | | | | inflammation | |
| E2 | 42 | 45 | M | Lung | Tuberculosis | | | | inflammation | |
| E3 | 43 | 57 | M | Lung | Tuberculosis | | | | inflammation | |
| E4 | 44 | 57 | M | Lung | Tuberculosis | | | | inflammation | |
| E5 | 45 | 55 | F | Lung | Tuberculosis | | | | inflammation | |
| E6 | 46 | 55 | F | Lung | Tuberculosis | | | | inflammation | |
| E7 | 47 | 48 | M | Lung | Tuberculosis | | | | inflammation | |
| E8 | 48 | 48 | M | Lung | Tuberculosis | | | | inflammation | |
| E9 | 49 | 60 | M | Lung | Tuberculosis | | | | inflammation | |
| E10 | 50 | 60 | M | Lung | Tuberculosis | | | | inflammation | |
| F1 | 51 | 59 | M | Lung | Tuberculosis | | | | inflammation | |
| F2 | 52 | 59 | M | Lung | Tuberculosis | | | | inflammation | |
| F3 | 53 | 68 | M | Lung | Tuberculosis (necrotic tissue) | | | | inflammation | |
| F4 | 54 | 68 | M | Lung | Tuberculosis | | | | inflammation | |
| F5 | 55 | 38 | F | Lung | Tuberculosis | | | | inflammation | |
| F6 | 56 | 38 | F | Lung | Tuberculosis | | | | inflammation | |
| F7 | 57 | 75 | M | Lung | Tuberculosis (sparse) with necrosis | | | | inflammation | |
| F8 | 58 | 75 | M | Lung | Tuberculosis (sparse) with necrosis | | | | inflammation | |
| F9 | 59 | 49 | M | Lung | Tuberculosis | | | | inflammation | |
| F10 | 60 | 49 | M | Lung | Tuberculosis | | | | inflammation | |
| G1 | 61 | 45 | M | Lung | Tuberculosis | | | | inflammation | |
| G2 | 62 | 45 | M | Lung | Tuberculosis | | | | inflammation | |
| G3 | 63 | 51 | F | Lung | Tuberculosis | | | | inflammation | |
| G4 | 64 | 51 | F | Lung | Tuberculosis with caseous necrosis | | | | inflammation | |
| G5 | 65 | 43 | M | Lung | Tuberculosis | | | | inflammation | |
| G6 | 66 | 43 | M | Lung | Tuberculosis | | | | inflammation | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| G7 | 67 | 40 | M | Lung | Tuberculosis (sparse) | | | | inflammation | |
| G8 | 68 | 40 | M | Lung | Tuberculosis (exudative inflammation of tuberculosis) | | | | inflammation | |
| G9 | 69 | 68 | M | Lung | Tuberculosis | | | | inflammation | |
| G10 | 70 | 68 | M | Lung | Tuberculosis | | | | inflammation | |
| H1 | 71 | 56 | M | Lung | Tuberculosis with necrosis | | | | inflammation | |
| H2 | 72 | 56 | M | Lung | Tuberculosis | | | | inflammation | |
| H3 | 73 | 51 | M | Lung | Tuberculosis | | | | inflammation | |
| H4 | 74 | 51 | M | Lung | Tuberculosis | | | | inflammation | |
| H5 | 75 | 60 | M | Lung | Tuberculosis (mild exudative inflammation of tuberculosis) | | | | inflammation | |
| H6 | 76 | 60 | M | Lung | Tuberculosis (mild exudative inflammation of tuberculosis) | | | | inflammation | |
| H7 | 77 | 75 | F | Lung | Tuberculosis | | | | inflammation | |
| H8 | 78 | 75 | F | Lung | Tuberculosis | | | | inflammation | |
| H9 | 79 | 60 | F | Lung | Tuberculosis | | | | inflammation | |
| H10 | 80 | 60 | F | Lung | Tuberculosis | | | | inflammation | |
| I1 | 81 | 53 | F | Lung | Cancer adjacent normal pneumonic tissue | | | | normal | |
| I2 | 82 | 53 | F | Lung | Cancer adjacent normal pneumonic tissue | | | | normal | |
| I3 | 83 | 67 | M | Lung | Cancer adjacent normal pneumonic tissue | | | | normal | |
| I4 | 84 | 67 | M | Lung | Cancer adjacent normal pneumonic tissue | | | | normal | |
| I5 | 85 | 48 | F | Lung | Cancer adjacent normal pneumonic tissue (with local chronic inflammation of mesenchyma) of No.07 | | | | normal | |
| I6 | 86 | 48 | F | Lung | Cancer adjacent normal pneumonic tissue (mild exudative inflammation) of No.07 | | | | normal | |
| I7 | 87 | 48 | M | Lung | Cancer adjacent normal pneumonic tissue (mild exudative inflammation) of No.15 | | | | normal | |
| I8 | 88 | 48 | M | Lung | Cancer adjacent normal pneumonic tissue (mild exudative inflammation) of No.15 | | | | normal | |
| I9 | 89 | 48 | M | Lung | Normal pneumonic tissue | | | | normal | |
| I10 | 90 | 48 | M | Lung | Normal pneumonic tissue | | | | normal | |
| J1 | 91 | 19 | M | Lung | Normal pneumonic tissue | | | | normal | |
| J2 | 92 | 19 | M | Lung | Normal pneumonic tissue | | | | normal | |
| J3 | 93 | 25 | M | Lung | Normal pneumonic tissue | | | | normal | |
| J4 | 94 | 25 | M | Lung | Normal pneumonic tissue | | | | normal | |
| J5 | 95 | 49 | M | Lung | Normal pneumonic with bronchi tissue | | | | normal | |
| J6 | 96 | 49 | M | Lung | Normal pneumonic tissue | | | | normal | |
| J7 | 97 | 24 | M | Lung | Normal pneumonic tissue | | | | normal | |
| J8 | 98 | 24 | M | Lung | Normal pneumonic tissue | | | | normal | |
| J9 | 99 | 55 | M | Lung | Normal pneumonic tissue | | | | normal | |
| J10 | 100 | 55 | M | Lung | Normal pneumonic tissue | | | | normal | |
| | 0 | 58 | M | Skin | Malignant melanoma (tissue marker) | | | | Malignant | |

**The American Joint Committee on Cancer (AJCC) TNM system**

**T groups**

TX: Primary tumor cannot be assessed

T0: No evidence of primary tumor

T1: A single tumor (any size) that hasn't grown into blood vessels

T2: Either a single tumor (any size) that has grown into blood vessels, OR more than one tumor where no tumor is larger than 5 cm (about 2 inches) across

T3a: Multiple tumors with at least one tumor that is greater than 5 cm (about 2 inches) across

T3b: At least one tumor (any size) that has grown into a major branch of the large veins of the liver (the portal and hepatic veins)

T4: The tumor has grown into a nearby organ (other than the gallbladder), OR the tumor is growing into the thin layer of tissue covering the liver (called the visceral peritoneum)

**N groups**

NX: Regional (nearby) lymph nodes cannot be assessed.

N0: The cancer has not spread to the regional lymph nodes.

N1: The cancer has spread to the regional lymph nodes.

**M groups**

M0: The cancer has not spread to distant lymph nodes or other organs.

M1: The cancer has spread to distant lymph nodes or other organs.



UK & Rest of the World
184 Park Drive, Milton Park
Abingdon OX14 4SE, UK
T: +44 (0)1235 828 200
F: +44 (0) 1235 820 482

North America
1035 Cambridge Street,
Cambridge, MA 02141
T: +1 (617) 945-5033 or
T: +1 (800) 987-0985
F: +1 (617) 945-8218

Germany
Bockenheimer Landstr. 17/19
60325 Frankfurt/Main
T: +49 (0) 69 779099
F: +49 (0) 69 13376880

Switzerland
Centro Nord-Sud 2E
CH-6934 Bioggio-Lugano
T: +41(0) 91 604 55 22
F: +41(0) 91 605 17 85