

Cytokeratin 7 clone R17-S

Instructions for Use

Specification:

Cytokeratin 7 antibody reacts with proteins that are found in most ductal, glandular and transitional epithelium of the urinary tract and bile duct epithelial cells. Cytokeratin 7 distinguishes between lung and breast epithelium that stain positive, and colon and prostate epithelial cells that are negative. This antibody also reacts with many benign and malignant epithelial lesions, e.g. adenocarcinomas of the ovary, breast and lung. Transitional cell carcinomas are positive and prostate cancer is negative. This antibody does not recognize intermediate filament proteins.

Availability:

Catalog No.	Contents	Volume
ILM5451-C01	Cytokeratin 7	0,1 ml concentrate
ILM5451-C05	Cytokeratin 7	0,5 ml concentrate
ILM5451-C1	Cytokeratin 7	1,0 ml concentrate

Intended use: For Research Use Only

Reactivity: Human

Clone: R17-S

Species of origin: Rabbit

Isotype: IgG

Control Tissue: Adenocarcinoma of lung, salivary gland

Staining: Cytoplasmic

Immunogen: Peptide derived from N-terminal sequence of human cytokeratin 7

Presentation: monospecific rabbit clonal antibody in 20 mM Tris-HCl, pH 8.0 with 20 mg/ml BSA and 0.05% Na₂S₂O₃

Application and suggested dilutions:

Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of cryostat tissue sections (dilution up to 1:50-1:100)
- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution up to 1:50-1:100)

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-rabbit secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

