



**Mab to Cytokeratin 18-FITC**  
**Ref: CYT-CK18F**

<b><u>Product:</u></b>	Mouse monoclonal antibody to cytokeratin 18-FITC conjugate
<b><u>Specificity:</u></b>	Ks 18.04 represents an excellent marker to discriminate simple epithelia from those of different origin. Tumors specifically detected: all adenocarcinoma; mammary carcinoma, urinary bladder carcinoma, undifferentiated carcinoma, cervix carcinoma, hepatocellular carcinoma. Polypeptide reacting: Mr 45 000 polypeptide (human cytokeratin 18) of all simple type epithelia and basal cells of many squamous, nonepidermal epithelia.
<b><u>Isotype:</u></b>	IgG1
<b><u>Clone Number:</u></b>	Ks 18.04
<b><u>Purification:</u></b>	Protein A affinity chromatography
<b><u>Antigen:</u></b>	Human cytokeratin 18 from HeLa cytoskeletal preparation
<b><u>Volume / Quantity:</u></b>	0.250 ML
<b><u>Antigen Recognized in Species:</u></b>	Human, mouse, rat, bovine, pig, dog, hamster, sheep, fish (trout).
<b><u>Reactivities on Cultured Cell Lines:</u></b>	HeLa and MCF-7
<b><u>Applications:</u></b>	Suitable for: - Immunohistochemistry of frozen and paraffinembedded tissue and cytological material - FACS
<b><u>Working Dilution</u></b>	1:10 for immunohistochemistry.
<b><u>Incubation Time</u></b>	1h at 37°C
<b><u>Storage Conditions:</u></b>	Store at + 4° C. DO NOT FREEZE. This product is photosensitive and should be protected from lighth.

Reagents are stable for the period shown on the vial label when stored properly.

**References:**

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2. Lanerova L, Kovarik J, Bartek J, Rejthar A, Vojtesek B: Novel monoclonal antibodies defining epitope of human cytokeratin 18 molecule. Hybridoma 7, 495-504 (1988)
3. Markl J, Winter S, Franke WW: The catalog and the expression complexity of cytokeratins in a lower vertebrate: Biochemical identification of cytokeratins in a teleost fish, the rainbow trout. Eur. J. Cell Biol. 50, 1-16 (1989)
4. Moll R, Franke WW, Schiller DL, Geiger B, Krepler R: The catalog of human cytokeratins: Patterns of expression in normal epithelia, tumors and cultured cells. Cell 31, 11-24 (1982)
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6. Bantel H, Ruck P, Gregor M, Schulze-Osthoff K: Detection of elevated caspase activation and early apoptosis in liver diseases. Eur.J.Cell Biol. 80, 230-239 (2001)
7. Stumptner C, Fuchsbichler A, Heid H, Zatloukal K, Denk H: Mallory body - a disease-associated type of sequestosome. Hepatology 35, 1053-1062 (2002)

**Lot Specific data:**

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