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36-1374: Monoclonal Antibody to Cytokeratin 18 (KRT18)(Clone: SPM265)

Clonality: Monoclonal Clone Name: SPM265

Application: FACS,IF,WB,IHC

Reactivity: Human
Gene: KRT18
Gene ID: 3875
Uniprot ID: P05783
Format: Purified

Alternative Name: KRT18,CYK18,PIG46
Isotype: Mouse IgG1, kappa

Immunogen Information: PMC-42 human breast carcinoma cells

Description

This MAb reacts with a wide variety of simple epithelia. It does not react with stratified squamous epithelia. It reacts with epithelial tumors of the gastrointestinal tract, lung, breast, pancreas, ovary, and thyroid. Cytokeratin 18, which belongs to the type A (acidic) subfamily of low molecular weight keratins, exists in combination with cytokeratin 8. It is reported that tissues from gastrointestinal tract are positive for both cytokeratin 8 and 18 but do not contain cytokeratin 14. Tissues from gastrointestinal tract, respiratory tract and urogenital tract, as well as endocrine and exocrine tissues and mesothelial cells are positive for cytokeratin 18.

Product Info

Amount: 100 μg

Purification : Affinity Chromatography

Content: 100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

toxic.

Storage condition:

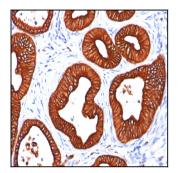
Storage condition:

Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);

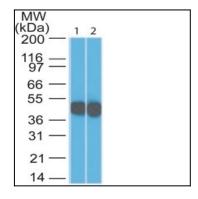


Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Cytokeratin 18 Monoclonal Antibody (SPM265).



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Western Blot 1) HeLa and 2) A431 Lysate using Cytokeratin 18 Monoclonal Antibody (SPM265).