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36-1382: Monoclonal Antibody to Cytokeratin 18 (KRT18)(Clone: Cocktail)

Clonality: Monoclonal
Clone Name: Cocktail
Application: FACS,WB,IHC
Reactivity: Human
Gene: KRT18
Gene ID: 3875
Uniprot ID: P05783

Alternative Name: KRT18,CYK18,PIG46

Isotype: Mouse IgG1, kappa + Mouse IgG1, kappa + Mouse IgG1, kappa

Immunogen Information: Recombinant full-length human KRT18 protein

Purified

Description

Format:

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

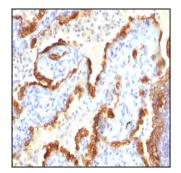
toxic.

Storage condition : 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); 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);

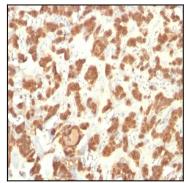


Formalin-fixed, paraffin-embedded human Lung Carcinoma stained with Cytokeratin 18 Monoclonal Antibody (Cocktail).

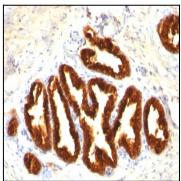


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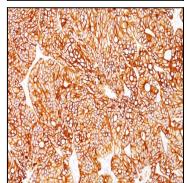
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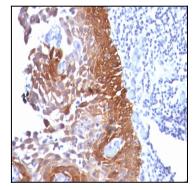
Formalin-fixed, paraffin-embedded human Thyroid Carcinoma stained with Cytokeratin 18 Monoclonal Antibody (Cocktail).



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



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



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