

Anti-Cytokeratin 18 Rabbit pAb



WL0060

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Cytokeratin 18 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse	
Tested applications	WB	1:500-1:1000
	IHC	1:50-1:500
	IF	1:200
Cellular localization	Cytoplasm, perinuclear region	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	Keratins (cytokeratins) are intermediate filament proteins that are mainly expressed in epithelial cells. Keratin heterodimers composed of an acidic keratin (or type I keratin, keratins 9 to 23) and a basic keratin (or type II keratin, keratins 1 to 8) assemble to form filaments. Keratin isoforms demonstrate tissue- and differentiation-specific profiles that make them useful as biomarkers. Research studies have shown that mutations in keratin genes are associated with skin disorders, liver and pancreatic diseases, and inflammatory intestinal diseases.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Cytokeratin 18.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

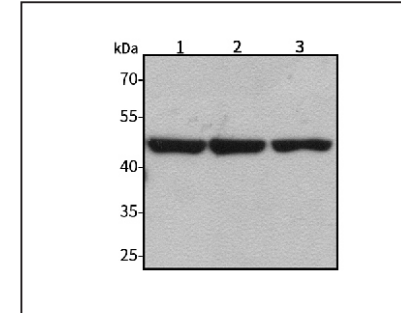
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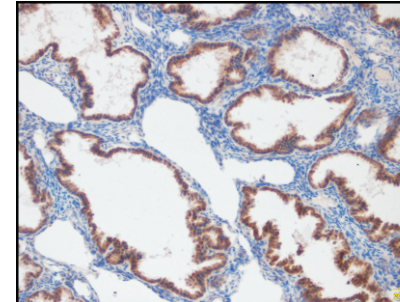
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Product Images



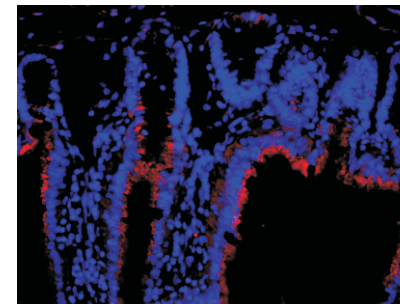
Western blot-Anti-Cytokeratin 18 pAb

Lane 1: Human SGC-7901 cell lysate
Lane 2: Human Caco2 cell lysate
Lane 3: Human Hela cell lysate
All lanes: Anti-Cytokeratin 18 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 48 kDa
 Observed band size: 48 kDa



Immunohistochemistry-Anti-Cytokeratin 18 pAb

Immunohistochemical analysis of paraffin-embedded human endometrium using anti-Cytokeratin 18 Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Cytokeratin 18 pAb

Immunofluorescence analysis of paraffin-embedded mouse colon using anti-Cytokeratin 18 Rabbit Antibody at 1:200 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0