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Recombinant anti-Cytokeratin 18 antibody



Images



Overview

Quantity:	100 μg
Target:	Cytokeratin 18 (KRT18)
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Cytokeratin 18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC), Flow Cytometry (FACS), Staining Methods (StM), Immunostaining (ISt)

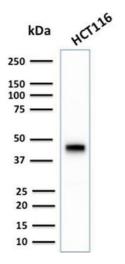
Product Details

Immunogen:	Recombinant human full-length KRT18 protein
Clone:	KRT18-2808R
Isotype:	IgG
Specificity:	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 Details Purification: Purified by Protein A/G **Target Details** Target: Cytokeratin 18 (KRT18) KRT18 (KRT18 Products) Alternative Name: Molecular Weight: 45kDa Gene ID: 3875 UniProt: P05783 Pathways: Apoptosis, Caspase Cascade in Apoptosis **Application Details** Positive Control: HCT116, MCF-7, HeLa, A431 cells. Breast Cancer. Application Notes: Known Application: Flow Cytometry (1-2 μg/million cells), Immunofluorescence (1-2 μ g/mL),Western Blot (1-2 μg/mL),Immunohistochemistry (Formalin-fixed) (0.5-1 μg/mL for 30 min at RT)(Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0 for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined. Restrictions: For Research Use only Handling Concentration: 200 μg/mL Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. 4 °C,-80 °C Storage: Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

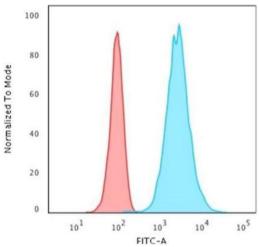
24 months

Expiry Date:



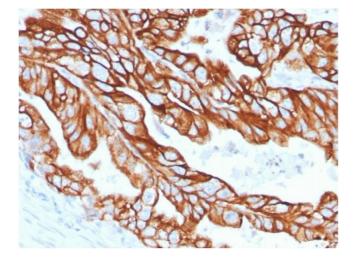
Western Blotting

Image 1. Western Blot Analysis of human HCT116 cell lysate using CK18 Rabbit Recombinant Monoclonal Antibody (KRT18/2808R).



Flow Cytometry

Image 2. Flow Cytometric Analysis of HeLa cells using CK18 Rabbit Recombinant Monoclonal Antibody (KRT18/2808R) followed by Goat anti-rabbit IgG-CF488 (Blue); Isotype Control (Red).



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with CK18 Rabbit Recombinant Monoclonal Antibody (KRT18/2808R).

Please check the product details page for more images. Overall 7 images are available for ABIN6939938.