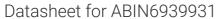
antibodies -online.com





anti-Cytokeratin 18 antibody



Images



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

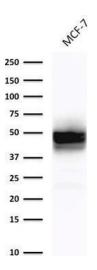
Product Details

Immunogen:	Cytoskeletal preparation extracted from the human vulvar squamous carcinoma cell line A431
Clone:	DE-K18
Isotype:	IgG1 kappa
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 was 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.
No Cross-Reactivity:	Rat (Rattus)

Product Details Purification: Purified by Protein A/G Target Details Cytokeratin 18 (KRT18) Target: KRT18 (KRT18 Products) Alternative Name: Molecular Weight: 45kDa Gene ID: 3875 UniProt: P05783 Pathways: Apoptosis, Caspase Cascade in Apoptosis **Application Details** Application Notes: Positive Control: MCF-7, HeLa cells, Breast Cancer. Known Application: Western Blot (0.5-1.0 µg/mL), Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (1-2 μg/mL), Immunohistochemistry (Formalin-fixed) (2-4 μg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, 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.

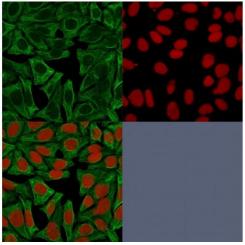
24 months

Expiry Date:



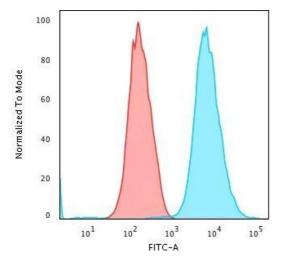
Western Blotting

Image 1. Western Blot Analysis of MCF-7cell lysate using Cytokeratin 18 Mouse Monoclonal Antibody (DE-K18).



Immunofluorescence

Image 2. Confocal Immunofluorescence image of HeLa cells using Cytokeratin 18 Mouse Monoclonal Antibody (DE-K18) Green (CF488) and Reddot is used to label the nuclei.



Flow Cytometry

Image 3. Flow Cytometric Analysis of trypsinised MeOH-fixed HeLa cells using Cytokeratin 18 Mouse Monoclonal Antibody (DE-K18) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).

Please check the product details page for more images. Overall 6 images are available for ABIN6939931.