

Anti-Cytokeratin 18 Antibody [DE-K18] (A249198)

Specifications:

Name:	Anti-Cytokeratin 18 Antibody [DE-K18]
Description:	Mouse monoclonal [DE-K18] antibody to Cytokeratin 18.
Specificity:	This antibody 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.
Applications:	WB, Flow Cytometry, IF, IHC-P
Recommended Dilutions:	WB: 1-2 µg/ml, Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human, Canine, Feline
Cross Reactivity:	This antibody does not cross react with Rat.
Immunogen:	Cytoskeletal preparation extracted from the human vulvar squamous carcinoma cell line A431.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	DE-K18
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

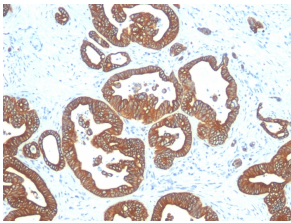
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Specifications continued:

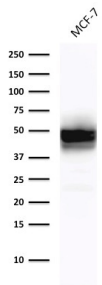
General Notes: This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-Cytokeratin 18 Antibody [DE-K18] - BSA and Azide free (A252378).

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

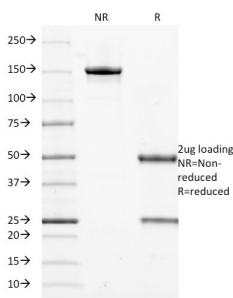
Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human colon carcinoma using Anti-Cytokeratin 18 Antibody [DE-K18].



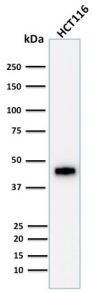
Western blot analysis of MCF-7 cell lysate using Anti-Cytokeratin 18 Antibody [DE-K18].



SDS-PAGE analysis of Anti-Cytokeratin 18 Antibody [DE-K18] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.

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Images continued:



Western blot analysis of human HCT116 cell lysate using Anti-Cytokeratin 18 Antibody [DE-K18].