

Product datasheet for **SM3044B**

Cytokeratin 18 (KRT18) Mouse Monoclonal Antibody [Clone ID: DA-7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	DA-7
Applications:	FC, IHC, WB
Recommended Dilution:	Immunocytochemistry: 1:500.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human breast carcinoma cell line PMC-42
Specificity:	The antibody DA-7 reacts with Cytokeratin 18 (45 kDa). Cytokeratins are a member of intermediate filaments subfamily represented in epithelial tissues.
Formulation:	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4 Label: Biotin State: Liquid purified Ig fraction Label: Conjugated with -LC-NHS under optimum conditions. The reagent is free of unconjugated biotin
Concentration:	lot specific
Conjugation:	Biotin
Storage:	Store the antibody undiluted at 2 - 8 °C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	keratin 18
Database Link:	Entrez Gene 3875 Human P05783



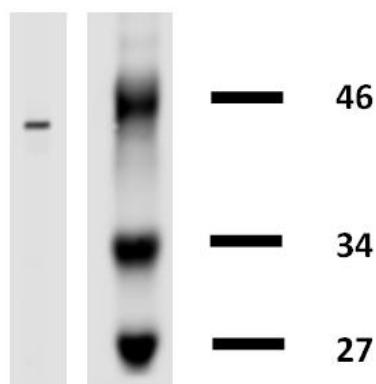
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Background: Cytokeratins are a subfamily of intermediate filaments and characterized by remarkable biochemical diversity. Cytokeratins are represented in epithelial tissues by at least 20 different polypeptides, molecular weight between 40 kDa and 68 kDa. The individual cytokeratin polypeptides are designated 1 to 20 and divided into the type I (acidic cytokeratins 9-20) and type II (basic to neutral cytokeratins 1-8) families. Cytokeratins 18 belongs to type I family (acidic cytokeratins).

Synonyms: Cytokeratin-18, CK18, Keratin-18, Keratin 18, KRT18, CYK18, K18

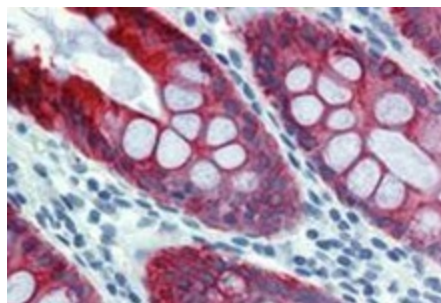
Protein Pathways: Pathogenic Escherichia coli infection

Product images:



HeLa

Western Blotting analysis of cytokeratin 18 in HeLa cells using anti-cytokeratin 18 (clone DA-7) biotin.



Immunohistochemistry staining of human colon (paraffin sections) using anti-cytokeratin 18 (clone DA-7).