

Product datasheet for **SM1360B**

Cytokeratin 18 (KRT18) Mouse Monoclonal Antibody [Clone ID: DC-10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	DC-10
Applications:	ELISA, FC, IF, IHC, WB
Recommended Dilution:	Flow Cytometry: 1/500. The unconjugated purified antibody Cat.-NoSM1360PS is suitable for use in ELISA, Western blotting, Immunocytochemistry and Immunohistochemistry on Paraffin Sections .
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human breast carcinoma cell line PMC-42
Specificity:	The antibody clone DC-10 reacts with Human Cytokeratin 18 (45 kDa). Negative Species: Porcine, Mouse, Rat, Hamster, Bovine, Canine (Dog), Sheep.
Formulation:	PBS, pH~7.4 Label: Biotin State: Liquid purified Ig fraction Preservative: 15 mM Sodium Azide Label: -LC-NHS. The reagent is free of unconjugated biotin
Concentration:	lot specific
Conjugation:	Biotin
Storage:	Store 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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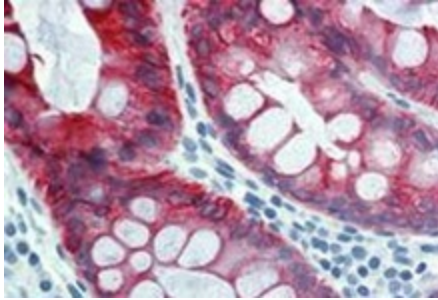
Background:

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. Cytokeratin 18 belongs to type I family (acidic cytokeratins).

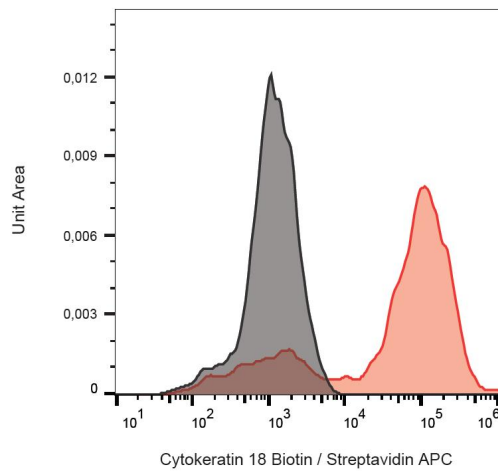
Synonyms:

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

Product images:



Immunohistochemistry staining of Human Colon Paraffin Sections using anti-cytokeratin 18 Antibody (clone DC-10).



Intracellular staining of human lymphocytes with anti-cytokeratin 18 (DC-10) biotin / streptavidin-APC.