

Mouse anti-Mammalian Cytokeratin 18 Antibody | anti-KRT18 antibody

Anti-Cytokeratin 18 FITC

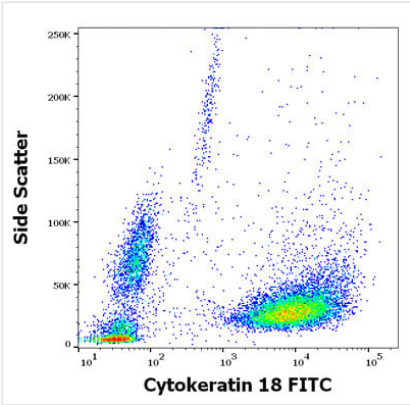
CATALOG # AAA128466	HOST Mouse	REACTIVITY Mammalian	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

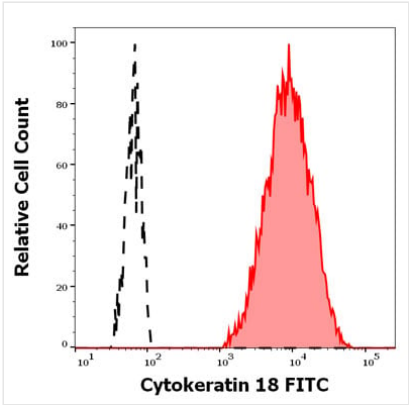
Cytokeratin 18; Anti-Cytokeratin 18 FITC; keratin 18; K18; CK18; CK-18; CYK18; KRT18; anti-KRT18 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mammalian
Isotype	IgG1
Clone Number	C-04
Specificity	The antibody C-04 reacts with Cytokeratin 18 (45 kDa intracellular antigen), a member of intermediate filaments subfamily represented in epithelial tissues.
Purity/Purification	The purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Concentration	0.1 mg/ml (varies by lot)
Sequence Length	430
Applicable Applications for anti-KRT18 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Cytoskeleton preparation of epidermal carcinoma cell line A431.
Conjugation	FITC
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.



FCM/FACS (Flow Cytometry)
Flow cytometry intracellular staining pattern of human peripheral whole blood spiked with HeLa cells stained using anti-Cytokeratin 18 (C-04) FITC antibody (concentration in sample 1.67 ug/ml).



FCM/FACS (Flow Cytometry)
Flow cytometry intracellular staining pattern of human peripheral whole blood spiked with HeLa cells stained using anti-Cytokeratin 18 (C-04) FITC antibody (concentration in sample 1.67 ug/ml).

ADDITIONAL INFORMATION

Related Product Information for anti-KRT18 antibody	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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557888
NCBI GeneID	3875
NCBI Accession #	NP_000215.1
NCBI GenBank Nucleotide #	NP_000215.1
UniProt Accession #	P05783
NCBI Official Full Name	keratin, type I cytoskeletal 18
NCBI Official Synonym Full Names	keratin 18
NCBI Official Symbol	KRT18
NCBI Official Synonym Symbols	K18; CK-18; CYK18
NCBI Protein Information	keratin, type I cytoskeletal 18
UniProt Protein Name	Keratin, type I cytoskeletal 18
UniProt Gene Name	KRT18
UniProt Synonym Gene Names	CYK18; CK-18; K18
UniProt Entry Name	K1C18_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.