

Mouse Cytokeratin 18 Monoclonal Antibody | anti-KRT18 antibody

Cytokeratin 18 Monoclonal Antibody [C-04]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59561	Mouse	Human, Mammals	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot

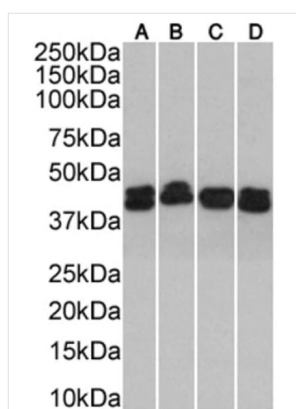
PRODUCT SYNONYMS

Cytokeratin 18; Monoclonal Antibody; Cytokeratin 18 Monoclonal Antibody [C-04]; anti-KRT18 antibody

PRODUCT SPECIFICATIONS

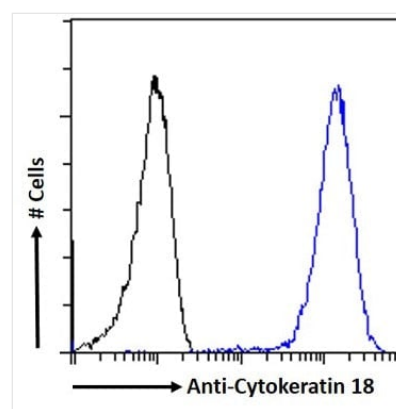
Host	Mouse
Reactivity	Human, Mammals
Clonality	Monoclonal
Isotype	IgG1
Clone Number	C-04
Purity/Purification	Protein A
Form/Format	Purified antibody (from supernatant) containing PBS + 0.1% sodium azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-KRT18 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Tissue, cells or virus corresponding to Cytokeratin 18. Cytoskeleton preparation of epidermal carcinoma cell line A431
Target Antigen	Cytokeratin 18
Pubmed ID	33462395, 33591557, 33644078, 33850639, 33957081, 33962471, 33936063, 32004454, 32278308, 32000730

IMAGES



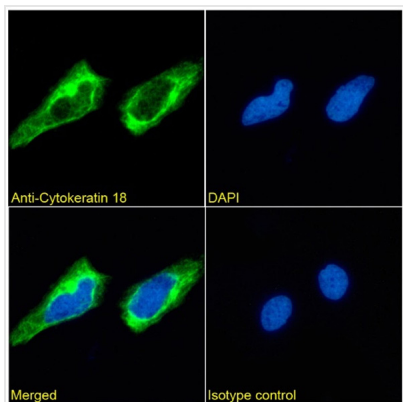
Application Data

0.001ug/ml staining in A431(A), HeLa(B), MCF7(C) and HepG2(D) cells lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



FCM/FACS (Flow Cytometry)

Blue line: Flow cytometric analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.5% Triton. Primary incubation 1hr (1:50-1:100 dilution) followed by Alexa Fluor 488 conjugated goat Anti-mouse IgG (1:1000 dilution). Black line: Anti-Fluorescein Isotype control



IF (Immunofluorescence)
 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells. Primary incubation 1hr (1:50-1:100 dilution) followed by Alexa Fluor 488 secondary antibody (1:1000 dilution), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Isotype control: Anti-Fluorescein followed by Alexa Fluor 488 secondary antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557888
NCBI GeneID	3875
NCBI Accession #	NP_000215.1
NCBI GenBank Nucleotide #	NM_000224.2
UniProt Accession #	P05783; Q53G38; Q5U0N8; Q9BW26
Molecular Weight	48,058 Da
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; CYK18
NCBI Protein Information	keratin, type I cytoskeletal 18; CK-18; keratin-18; cytokeratin 18; cytokeratin-18; cell proliferation-inducing protein 46; cell proliferation-inducing gene 46 protein
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.

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 Online datasheet: <https://stage.aaabiotech.com/monoclonal/cytokeratin-18-antibody-clone-c-04-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/59561>