

Mouse anti-Human, Rat Cytokeratin 18 (CK18) Monoclonal Antibody | anti-CK18 antibody

Monoclonal Antibody to Cytokeratin 18 (CK18)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151695	Mouse	Human, Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

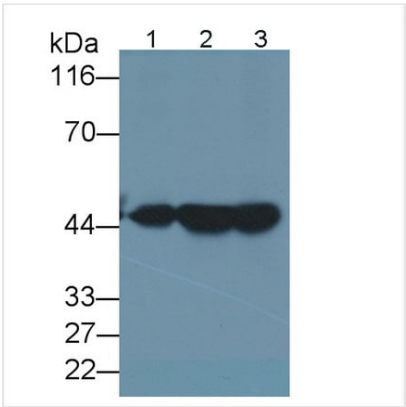
PRODUCT SYNONYMS

Cytokeratin 18 (CK18); Monoclonal Antibody; Monoclonal Antibody to Cytokeratin 18 (CK18); CK18/Cytokeratin 18; KRT18; CYK18; K18; Keratin 18; Cell proliferationinducing gene 46 protein; Keratin; type I cytoskeletal 18; anti-CK18 antibody

PRODUCT SPECIFICATIONS

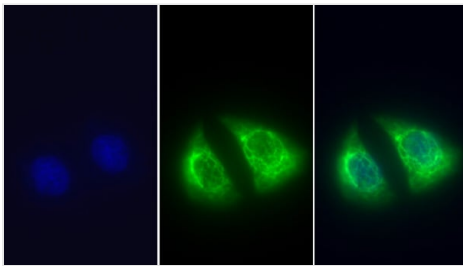
Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	F5
Specificity	The antibody is a mouse monoclonal antibody raised against CK18. It has been selected for its ability to recognize CK18 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CK18 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Asp238~Leu396
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



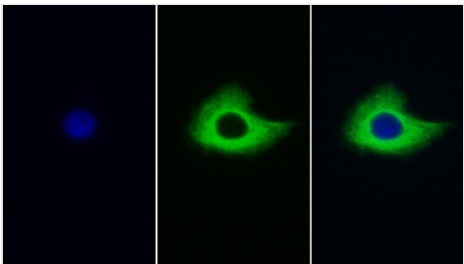
WB (Western Blot)

Western Blot; Sample: Lane1: Rat Heart lysate; Lane2: Rat Liver lysate; Lane3: Rat Kidney lysate Primary Ab: 2ug/ml Mouse AntiHuman KRT18 Antibody Second Ab: 0.2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19



IF (Immunofluorescence)

FITC staining on IF;Sample: Human HeLa cell; Primary Ab: 30ug/ml Mouse AntiHuman CK18 AntibodySecond Ab: 2ug/ml FITCLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu18



IF (Immunofluorescence)

FITC staining on IF; Sample: Human HepG2 cell; Primary Ab: 20ug/ml Mouse AntiHuman KRT18 Antibody Second Ab: 1.5ug/ml FITCLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu18

ADDITIONAL INFORMATION

Product Categories/Family for anti-CK18 antibody	Tumor immunity; Pulmonology; Dermatology; Primary
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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-ck18-antibody-clone-f5-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151695>