

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

Monoclonal Antibody to Cytokeratin 18 (CK18)

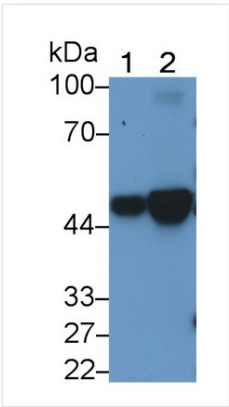
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152572	Mouse	Human	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

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

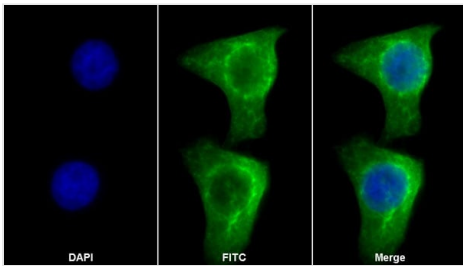
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	E6
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. PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Asp238~Leu396
Applicable Applications for anti-CK18 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Cytokeratin 18 (CK18)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. 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.



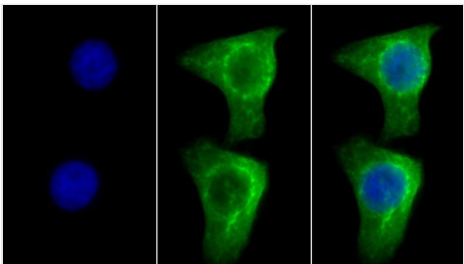
WB (Western Blot)

Western Blot; Sample: Lane1: K562 Cell lysate; Lane2: Hela cell lysate Primary Ab: 2ug/ml Mouse Anti-human KRT18 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



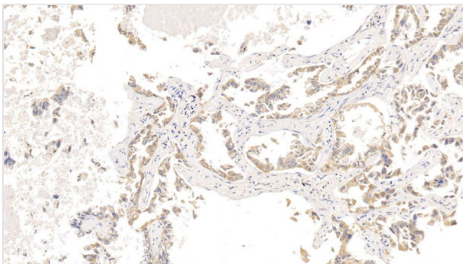
IF (Immunofluorescence)

FITC staining on IF;Sample: Hela cellPrimary Ab: 30ug/ml Mouse Anti-human CK18 AntibodySecond Ab: 2ug/ml FITC-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



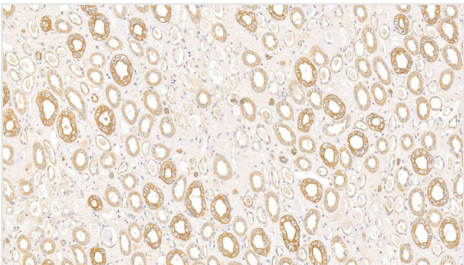
IF (Immunofluorescence)

FITC staining on IF;Sample: human HeLa cell; Primary Ab: 30ug/ml Mouse Anti-human CK18 AntibodySecond Ab: 2ug/ml FITC-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P;Sample: human Lung cancer Tissue; Primary Ab: 10ug/ml Mouse Anti-human KRT18 AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: human Kidney Tissue; Primary Ab: 10ug/ml Mouse Anti-human KRT18 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-CK18 antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Tumor immunity
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/cytokeratin-18-ck18-antibody-clone-e6-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/152572>