

Mouse anti-Human Keratin 18 Monoclonal Antibody | anti-KRT18 antibody

Keratin 18 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290448	Mouse	Human	Immunocytochemistry, Western Blot

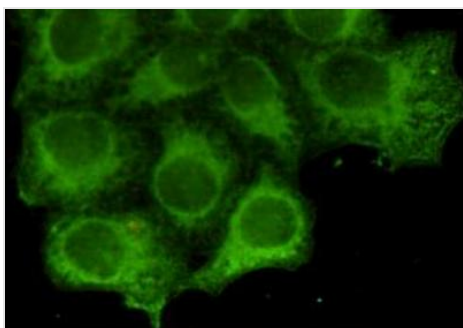
PRODUCT SYNONYMS

Keratin 18; Monoclonal Antibody; Keratin 18 Antibody; Purified Mouse Monoclonal Antibody (Mab); Cell proliferation inducing gene 46 protein; Cell proliferation inducing protein 46; Cell proliferation-inducing gene 46 protein; CK 18; CK-18; CK18; Cytokeratin 18; Cytokeratin endo B; Cytokeratin-18; Cytokeratin18; K 18; K18; K1C18_HUMAN; Keratin D; Keratin type I cytoskeletal 18; keratin; type I cytoskeletal 18; Keratin-18; Keratin18; Kerd; KRT18.; anti-KRT18 antibody

PRODUCT SPECIFICATIONS

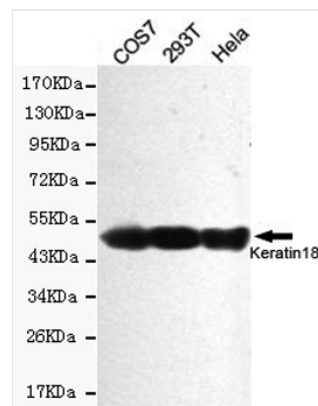
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Form/Format	Purified mouse monoclonal in PBS(pH 7.4) containing with 0.02% sodium azide,0.1mg/mlBSA and 50% glycerol.
Sequence Length	430
Applicable Applications for anti-KRT18 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Antigen Source	Human
Antigen Type	Recombinant Protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry staining of HeLa cells fixed by anhydrous methanol for 2 h at -20 degree C and using anti-Keratin 18 mouse mAb (dilution 1:800).



WB (Western Blot)

Western blot detection of Keratin 18 in HeLa, COS7 and 293T cell lysates using Keratin 18 mouse mAb (1:2000 diluted). Predicted band size: 46 kDa. Observed band size: 46 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT18 antibody	Involved in the uptake of thrombin-antithrombin complexes by hepatic cells (By similarity). When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.
Product Categories/Family for anti-KRT18 antibody	Signal Transduction
References	Oshima R.G.,et al.Differentiation 33:61-68(1986). Kim J.W.,et al.Submitted (SEP-2004) to the EMBL/GenBank/DDBJ databases. Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases. Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases. Kulesh D.A.,et al.Mol. Cell. Biol. 8:1540-1550(1988).

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	48058
NCBI Official Full Name	keratin, type I cytoskeletal 18
NCBI Official Synonym Full Names	keratin 18, type I
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/keratin-18-antibody-immunocytochemistry-western-blot-elisa/290448>