

Mouse anti-Human CYK18 Monoclonal Antibody | anti-KRT18 antibody

CYK18 Antibody (C-term)

CATALOG # AAA283467	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG3
Clone Number	695CT17.2.6
Specificity	This CYK18 Monoclonal antibody is generated from mice immunized with a KLH conjugated synthetic peptide selected from the 400-430 region of human CYK18.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 0.34 (varies by lot)
Sequence Length	430
Applicable Applications for anti-KRT18 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	Human
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



WB (Western Blot)

CYK18 Antibody (C-term) western blot analysis in NCI-H460, HepG2, K562 cell line lysates (35ug/lane). This demonstrates the CYK18 antibody detected the CYK18 protein (arrow).



WB (Western Blot)

All lanes : Anti-CYK18 Antibody (C-term) at 1:2000 dilution
Lane 1: HepG2 whole cell lysates
Lane 2: K562 whole cell lysates
Lane 3: NCI-H460 whole cell lysates
Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 48 kDa
Blocking/Dilution buffer: 5% NFD/TBST.

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	Crown Antibodies; 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. Kalnina 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; NP_954657.1
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; 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/cyk18-antibody-clone-695ct17-2-6-western-blot-elisa/283467>