

Rabbit anti-Human Cytokeratin 18 (KRT18) Monoclonal Antibody | anti-KRT18 antibody

Cytokeratin 18 (KRT18) Rabbit mAb

CATALOG # AAA282821	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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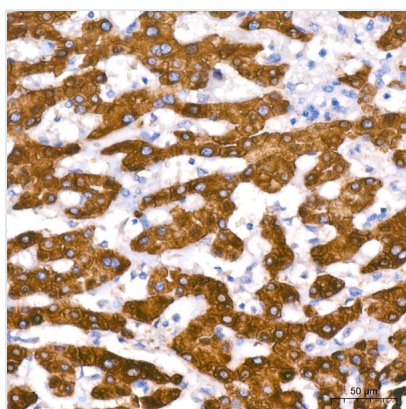
PRODUCT SYNONYMS

Cytokeratin 18 (KRT18); Monoclonal Antibody; Cytokeratin 18 (KRT18) Rabbit mAb; K18; CK-18; CYK18; anti-KRT18 antibody

PRODUCT SPECIFICATIONS

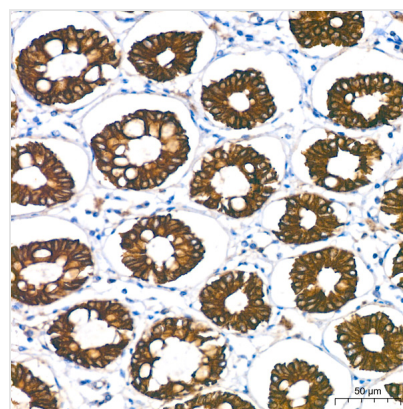
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	ADIRAQYDEL ARKNREELDK YWSQQIEEST TVVTTQSAEV GAAETTLTEL RRTVQSLEID LDSMRNLKAS LENSLREVEA RYALQMEQLN GILLHLESEL AQTRAEGQRQ AQEYEALLNI KVKLEAEIAT YRRLLDGED FNLGDALDSS NSMQTIQKTT TRRIVDGKVV SETNDTKVLR H
Applicable Applications for anti-KRT18 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 250-430 of human Cytokeratin 18 (KRT18)(P05783).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



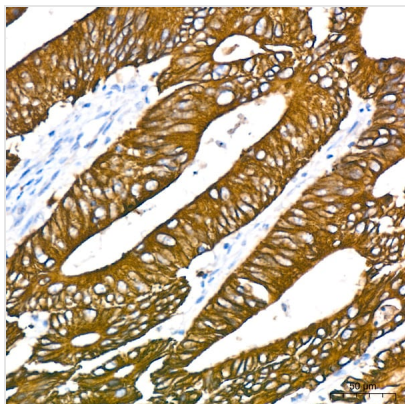
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human liver using Cytokeratin 18 (KRT18) Rabbit mAb (AAA282821) at dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



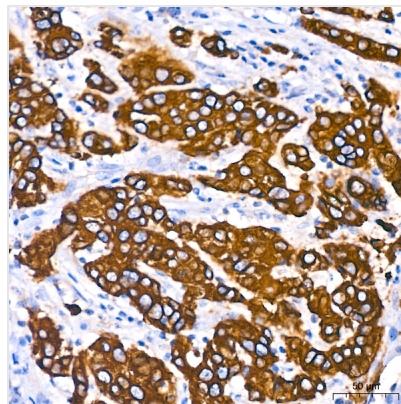
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human colon using Cytokeratin 18 (KRT18) Rabbit mAb (AAA282821) at dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



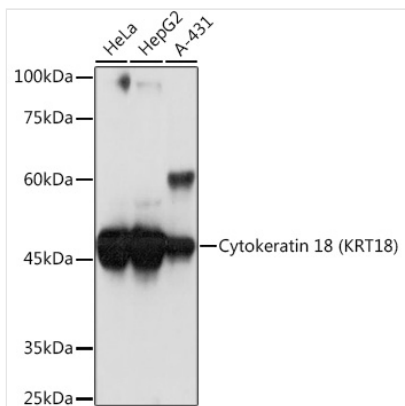
IHC (Immunohistochemisry)

Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using Cytokeratin 18 (KRT18) Rabbit mAb (AAA282821) at dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohiostchemistry)

Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Cytokeratin 18 (KRT18) Rabbit mAb (AAA282821) at dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using Cytokeratin 18 (KRT18) Rabbit mAb (AAA282821) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT18 antibody	KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene.
Product Categories/Family for anti-KRT18 antibody	Epigenetics Nuclear Signaling ; RNA Binding ; Signal Transduction ; Cell Biology Developmental Biology ; Apoptosis ; Cytoskeleton ; Intermediate Filaments ; Extracellular Matrix ; Keratin ; Antibodies

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	Calculated MW: 48kDa Observed MW: 48kDa
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-krt18-antibody-immunohistochemistry-western-blot-elisa/282821>