

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

Cytokeratin 18 (KRT18)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214771	Rabbit	Human, Mouse, Rat, Hamster, Ferret, Cow, Pig, Cat, Dog, Sheep, Goat, Horse, Marmoset monkey. Does not react with Chicken, Xenopus. Others not known.	Immunohistochemistry, Western Blot

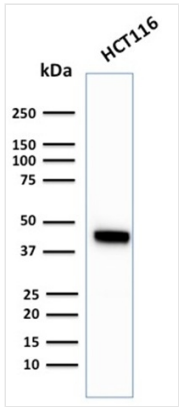
PRODUCT SYNONYMS

Cytokeratin 18 (KRT18); Monoclonal Antibody; Cell Proliferation-inducing Gene 46 Protein; CK18; CYK18 Cytokeratin Endo B; K18; Keratin-18; Kerd; KRT18; anti-KRT18 antibody

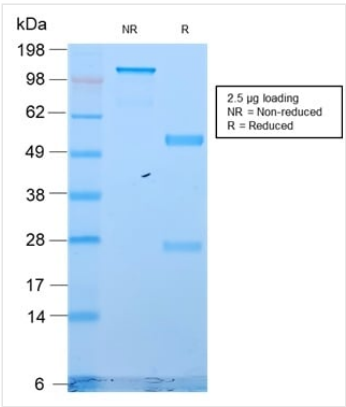
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Hamster, Ferret, Cow, Pig, Cat, Dog, Sheep, Goat, Horse, Marmoset monkey. Does not react with Chicken, Xenopus. Others not known.
Clonality	Monoclonal
Isotype	IgG
Clone Number	KRT18/2819R
Specificity	This MAb reacts with a wide variety of simple epithelia. It does not react with stratified squamous epithelia. It reacts with epithelial tumors of the gastrointestinal tract, lung, breast, pancreas, ovary, and thyroid. Cytokeratin 18, which belongs to the type A (acidic) subfamily of low molecular weight keratins, exists in combination with cytokeratin 8. It was reported that tissues from gastrointestinal tract are positive for both cytokeratin 8 and 18 but do not contain cytokeratin 14. Tissues from gastrointestinal tract, respiratory tract and urogenital tract, as well as endocrine and exocrine tissues and mesothelial cells are positive for cytokeratin 18.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	430
Applicable Applications for anti-KRT18 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full-length human KRT18 protein
Positive Control	HCT116, MCF-7, HeLa cells, Breast Cancer
Cellular Localization	Cytoplasmic
Chromosome Location	12q13.13
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

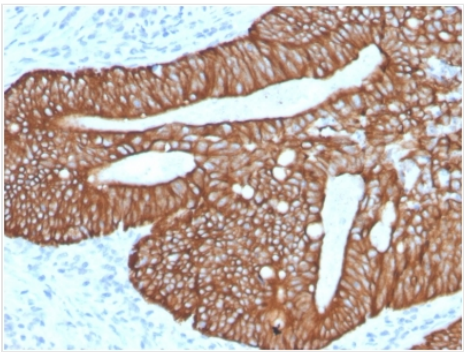
IMAGES



WB (Western Blot)
Western Blot Analysis of HCT116 Cell lysate using Cytokeratin 18 Rabbit Recombinant Monoclonal Antibody (KRT18/2819R).



SDS-PAGE
SDS-PAGE Analysis of Purified Cytokeratin 18 Rabbit Recombinant Monoclonal Antibody (KRT18/2819R). Confirmation of Purity and Integrity of Antibody.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Cytokeratin 18 Rabbit Recombinant Monoclonal Antibody (KRT18/2819R).

ADDITIONAL INFORMATION

Related Product Information for anti-KRT18 antibody	Recombinant Rabbit Monoclonal Antibody
References	Lauerov et al. Hybridoma 7: 495-504 (1988). 2. Kova-k et al. Int.J.Cancer Suppl.3: 50-5 (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	45kDa
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; 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

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-clone-krt18-2819r-immunohistochemistry-western-blot-elisa/214771>