

Mouse Cytokeratin 18 (KRT18) Antibody | anti-KRT18 antibody

Cytokeratin 18 (KRT18)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215066	Mouse	Human, Mouse, Rat, Hamster, Ferret, Cow, Pig, Cat, Dog, Sheep, Goat, Horse, Marmoset monkey Does not react with Chicken or Xenopus.	Immunohistochemistry, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

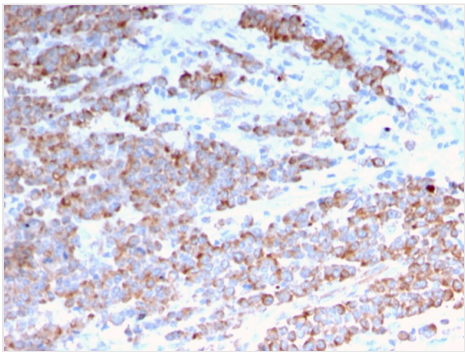
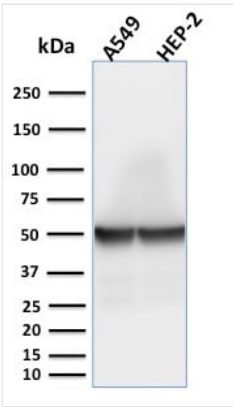
PRODUCT SYNONYMS

Cytokeratin 18 (KRT18); Cell Proliferation-inducing Gene 46 Protein; CK18; CYK18Cytokeratin Endo B; K18; Keratin-18; Kerd; KRT18; anti-KRT18 antibody

PRODUCT SPECIFICATIONS

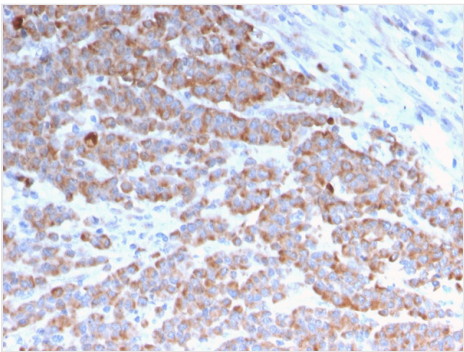
Host	Mouse
Reactivity	Human, Mouse, Rat, Hamster, Ferret, Cow, Pig, Cat, Dog, Sheep, Goat, Horse, Marmoset monkey Does not react with Chicken or Xenopus.
Isotype	IgG1, kappa
Clone Number	rKRT18/1190
Specificity	This MAb reacts with a wide variety of simple epithelia. It does not react with stratified 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), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Positive Control	MCF-7 or HeLa cells (FACS/IF). Human breast carcinoma tissue (IHC).
Immunogen	Cytoskeletal preparation extracted from the human vulvar squamous carcinoma cell line A431
Cellular Localization	Cytoplasmic
Hu-chromosome Location	12q13.13
Antibody Type	Recombinant Mouse Monoclonal Antibody
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



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Cytokeratin 18 Mouse Monoclonal Antibody (rKRT18/1190).

WB (Western Blot)
Western Blot Analysis of A549 and HEP-2 cell lysates using Cytokeratin 18 Mouse Monoclonal Antibody (rKRT18/1190).



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Cytokeratin 18 Mouse Monoclonal Antibody (rKRT18/1190).

ADDITIONAL INFORMATION

References	1. Vojtek et al. Folia Biol. 35(6): 373-382 (1989). 2. Taylor -Papadimitriou et.al. J.Cell Sci. 94: 403-13 (1989). 3. Lauerova et al. Hybridoma 7: 495-504 (1988). 4. Kovaik et al. Int.J.Cancer Suppl.3: 50-5 (1988).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557888
NCBI GeneID	3875
NCBI Accession #	NP_000215.1
NCBI GenBank Nucleotide #	NP_000215.1
UniProt Accession #	P05783
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
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/mouse-cat-chicken-cow-dog-ferret-goat-hamster-horse-human-monkey-antibody/cytokeratin-18-krt18/215066>