

Rabbit anti-Human, Mouse KRT18 / CK18 / Cytokeratin 18 Polyclonal Antibody | anti-KRT18 antibody

Rabbit Polyclonal to Human KRT18 / CK18 / Cytokeratin 18

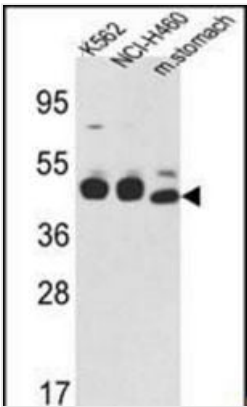
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA12370	Rabbit	Human, Mouse	Immunohistochemistry, Immunofluorescence, Western Blot, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

KRT18 / CK18 / Cytokeratin 18; Polyclonal Antibody; Rabbit Polyclonal to Human KRT18 / CK18 / Cytokeratin 18; Anti-KRT18 / CK18 / Cytokeratin 18 Antibody (C-Terminus) IHC-plus; KRT18; CK-18; Cytokeratin 18; Cytokeratin-18; K18; Keratin 18; CYK18; Keratin-18; Human KRT18; CK18; anti-KRT18 antibody

PRODUCT SPECIFICATIONS

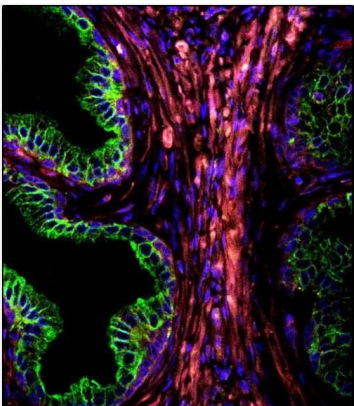
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Ammonium sulfate precipitation
Form/Format	PBS, 0.09% sodium azide
Sequence Length	430
Applicable Applications for anti-KRT18 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot), FCM/FACS (Flow Cytometry)
Application Notes	Flo (1:10 - 1:50), IF (1:10 - 1:50), IHC-P (5 ug/ml), WB (1:1000)
Target Species	Human
Immunogen Description	KLH conjugated synthetic peptide selected from the C-terminal region of human CYK18.
Immunogen Type	Synthetic peptide
Immunogen	KRT18 / CK18 / Cytokeratin 18 antibody was raised against KLH conjugated synthetic peptide selected from the C-terminal region of human CYK18.
Antigen Modification	C-Terminus
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.



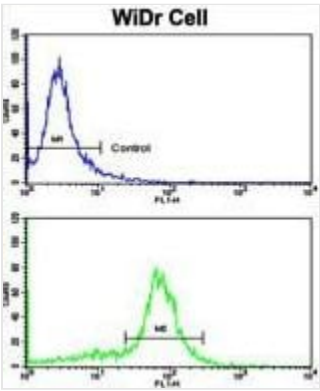
WB (Western Blot)
CYK18 Antibody (C-term) Western blot of A431 cell line lysates (35 ug/lane). This demonstrates the CYK18 antibody detected the CYK18 protein (arrow) (Kindly offered by Dr. Li).



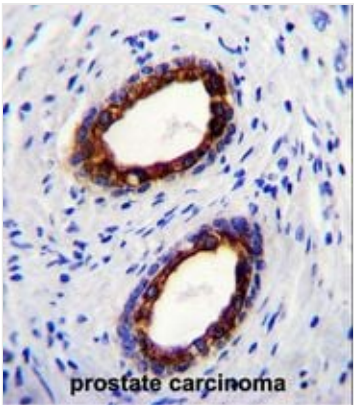
WB (Western Blot)
Western blot of CYK18 Antibody (C-term) in K562, NCI-H460 cell line lysates and mouse stomach tissues lysates(35 ug/lane). CYK18(arrow) was detected using the purified Pab.



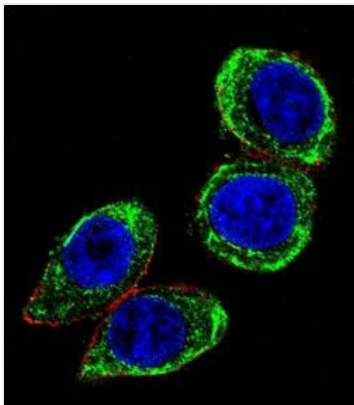
FCM (Flow Cytometry)
Flow cytometry of WiDr cells using CYK18 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



FCM (Flow Cytometry)
Formalin-fixed and paraffin-embedded human colon carcinoma with CYK18 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



IF (Immunofluorescence)
Confocal immunofluorescence of CYK18 Antibody (C-term) with prostate carcinoma followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IF (Immunofluorescence)
Confocal immunofluorescent analysis of CYK18 Antibody (C-term) with HeLa cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).DAPI was used to stain the cell nuclear (blue).

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.

Product Categories/Family for anti-KRT18 antibody

Family: Keratin

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	48,058 Da
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; CYK18
NCBI Protein Information	keratin, type I cytoskeletal 18; CK-18; keratin-18; cytokeratin 18; cytokeratin-18; cell proliferation-inducing protein 46; cell proliferation-inducing gene 46 protein
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/polyclonal/krt18-ck18-cytokeratin-18-antibody-immunohistochemistry-immunofluorescence-western-blot-flow-cytometry-elisa/12370>