

Mouse anti-Human KRT20 Monoclonal Antibody | anti-KRT20 antibody

KRT20 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48199	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

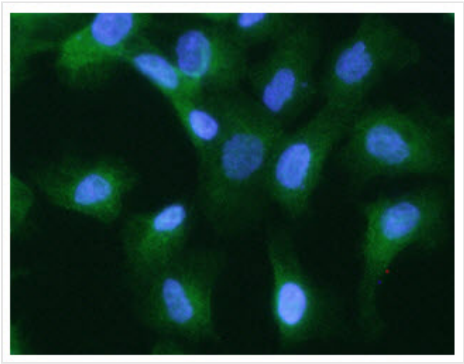
PRODUCT SYNONYMS

KRT20; Monoclonal Antibody; KRT20 antibody; Keratin type I cytoskeletal 20; Keratin; type I cytoskeletal 20; CD20; CK-20; CK20; K20; KRT21; anti-KRT20 antibody

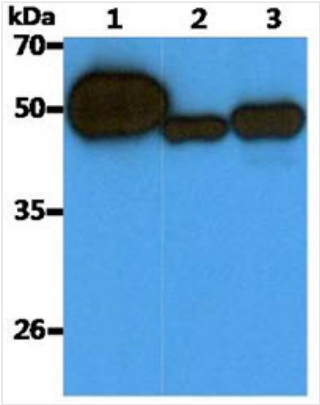
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a, k
Clone Number	AT10D8
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	424
Applicable Applications for anti-KRT20 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human KRT20 (1-424aa) purified from E Coli.
Clone Note	Anti-human KRT20 mAb, clone AT10D8, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human KRT20 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)
ICC/IF analysis of KRT20 in A549 cells, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human KRT20 antibody (1:200) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)
The Recombinant Human KRT20 (25ng) and Cell lysates of HeLa, A431 (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human KRT20 antibody (1:3000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: Recombinant Human KRT20 Lane 2.: HeLa cell lysate Lane 3.: A431 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-KRT20 antibody	Keratin 20 is a type I cytokeratin. It is a major cellular protein of mature enterocytes and goblet cells and is specifically found in the gastric and intestinal mucosa. In immunohistochemistry, antibodies to KRT20 can be used to identify a range of adenocarcinoma arising from epithelia that normally contain the KRT20 protein. For example, the protein is commonly found in colorectal cancer, transitional cell carcinomas and in Merkel cell carcinoma, but is absent in lung cancer, prostate cancer, and non-mucinous ovarian cancer. It is often used in combination with antibodies to CK7 to distinguish different types of glandular tumor.
Product Categories/Family for anti-KRT20 antibody	Cytoskeleton; Cancer
References	Moll R., et al. (1990) J Cell Biol. 111 (2): 567-580; Piero D., et al. (2011) Nat Biotechnol. 29 (12): 1120-1127

NCBI AND UNIPROT INFORMATION

NCBI GI #	27894337
NCBI GeneID	54474
NCBI Accession #	NP_061883
NCBI GenBank Nucleotide #	NM_019010.2
UniProt Accession #	P35900; B2R6W7
Molecular Weight	48,487 Da
NCBI Official Full Name	keratin, type I cytoskeletal 20
NCBI Official Synonym Full Names	keratin 20
NCBI Official Symbol	KRT20
NCBI Official Synonym Symbols	K20; CD20; CK20; CK-20; KRT21
NCBI Protein Information	keratin, type I cytoskeletal 20
UniProt Protein Name	Keratin, type I cytoskeletal 20
UniProt Gene Name	KRT20
UniProt Synonym Gene Names	CK-20; K20

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/krt20-antibody-clone-at10d8-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/48199>