

Rabbit Cytokeratin 20/Krt20 Polyclonal Antibody | anti-Krt20 antibody

Anti-Cytokeratin 20/Krt20 Antibody

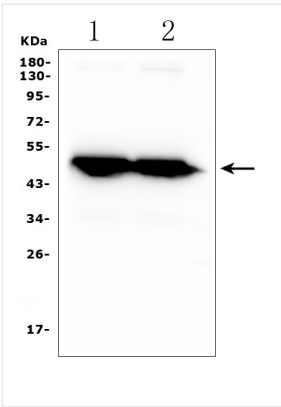
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19202	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA

PRODUCT SYNONYMS

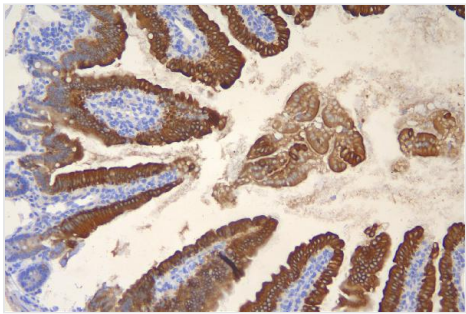
Cytokeratin 20/Krt20; Polyclonal Antibody; Anti-Cytokeratin 20/Krt20 Antibody; Keratin; type I cytoskeletal 20; Cytokeratin-20; CK-20; Keratin-20; K20; Krt20; anti-Krt20 antibody

PRODUCT SPECIFICATIONS

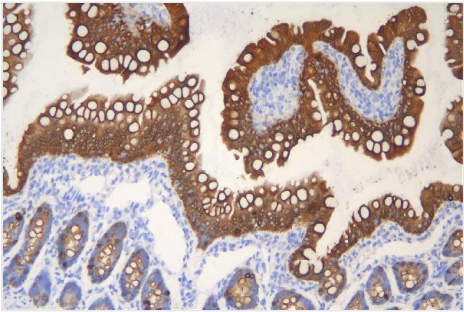
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	431
Applicable Applications for anti-Krt20 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA (Direct ELISA)
Application Notes	WB: 0.1-0.25ug/ml (Human, Mouse) IHC-P (Embedded Section): 0.5-1ug/ml (Human, Mouse, Rat) FC/FACS: 1-3ug/1x10 ⁶ cells (Human) Direct ELISA: 0.1-0.5ug/ml (Mouse) Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections.
Immunogen	E Coli-derived mouse Cytokeratin 20/Krt20 recombinant protein (Position: R29-V431).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.



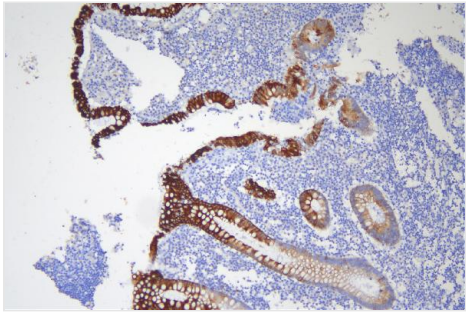
WB (Western Blot)



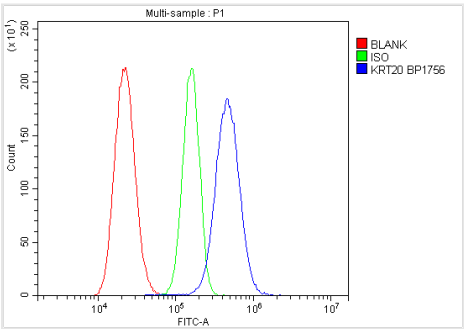
IHC (Immunohistochemistry)



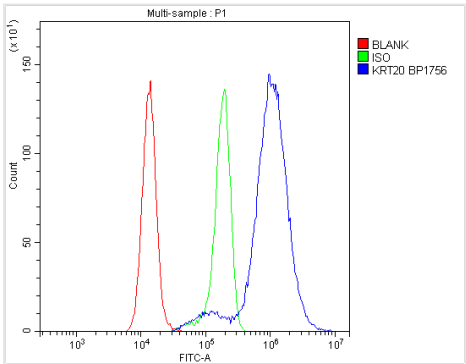
IHC (Immunohistochemistry)



IHC (Immunohistochemistry)



FCM (Flow Cytometry)



FCM (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-Krt20 antibody	Description: Rabbit IgG polyclonal antibody for 20/Krt20 detection. Tested with WB, IHC-P, FCM, Direct ELISA in Human;Mouse;Rat Background: Keratin 20, often abbreviated CK20, is a protein that in humans is encoded by the KRT20 gene. This gene encodes a member of the keratin protein family and is found within a cluster of cytokeratin genes on chromosome 11. Keratins are cytoskeletal proteins that are preferentially expressed in epithelial cells. The encoded protein may help maintain intermediate filament organization in intestinal epithelium. Phosphorylation of this protein may also influence mucin secretion in the small intestine.
References	1. Calnek, D., Quaroni, A. Differential localization by in situ hybridization of distinct keratin mRNA species during intestinal epithelial cell development and differentiation. Differentiation 53: 95-104, 1993. 2. Moll, R., Schiller, D. L., Franke, W. W. Identification of protein IT of the intestinal cytoskeleton as a novel type I cytokeratin with unusual properties and expression patterns. J. Cell Biol. 111: 567-580, 1990. 3. Rogers, M. A., Langbein, L., Winter, H., Ehmann, C., Praetzel, S., Korn, B., Schweizer, J. Characterization of a cluster of human high/ultrahigh sulfur keratin-associated protein genes embedded in the type I keratin gene domain on chromosome 17q12-21. J. Biol. Chem. 276: 19440-19451, 2001.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21592285
NCBI GeneID	66809
NCBI Accession #	NP_075745.1
NCBI GenBank Nucleotide #	NP_075745.1
UniProt Accession #	Q9D312
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; Ck20; Ck-20; Krt21; 9030623C06Rik
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
UniProt Entry Name	K1C20_MOUSE

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/cytokeratin-20-krt20-antibody-western-blot-immunohistochemistry-flow-cytometry-direct-elisa-elisa/19202>