

Rabbit anti-Human Cytokeratin 20 (CK20) Monoclonal Antibody | anti-KRT20 antibody

Cytokeratin 20 (CK20) Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282659	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

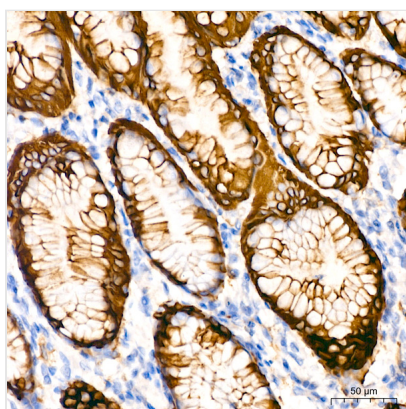
PRODUCT SYNONYMS

Cytokeratin 20 (CK20); Monoclonal Antibody; Cytokeratin 20 (CK20) Rabbit mAb; K20; CD20; KRT20; CK-20; KRT21; anti-KRT20 antibody

PRODUCT SPECIFICATIONS

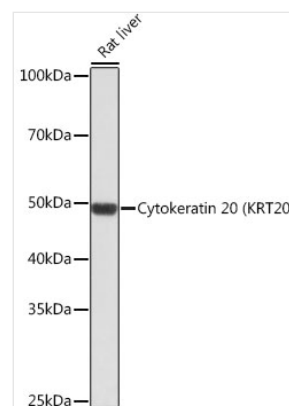
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	LANLQSLSS LEAQLMQIRS NMERQNNEYH ILLDIKTRLE QEIATYRLL EGEDVKTTEY QLSTLEERDI KKTRKIKTVV QEVVDGKVVS SEVKEVEENI
Applicable Applications for anti-KRT20 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 325-424 of human Cytokeratin 20 (KRT20)(P35900).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



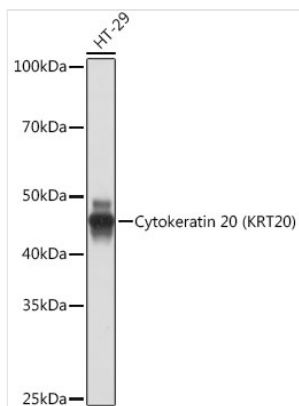
IHC (Immunohistochemisry)

Immunohistochemistry analysis of paraffin-embedded Human stomach using Cytokeratin 20 (CK20) Rabbit mAb (AAA282659) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from Rat liver, using Cytokeratin 20 (CK20) Rabbit mAb (AAA282659) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 3min.



WB (Western Blot)

Western blot analysis of lysates from HT-29 cells, using Cytokeratin 20 (CK20) Rabbit mAb (AAA282659) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT20 antibody	The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. This cytokeratin is a major cellular protein of mature enterocytes and goblet cells and is specifically expressed in the gastric and intestinal mucosa. The type I cytokeratin genes are clustered in a region of chromosome 17q12-q21.
Product Categories/Family for anti-KRT20 antibody	Cancer; Tumor biomarkers; Signal Transduction; Cell Biology Developmental Biology; Cytoskeleton; Intermediate Filaments; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	27894337
NCBI GeneID	54474
NCBI Accession #	NP_061883.1
NCBI GenBank Nucleotide #	NM_019010.2
UniProt Accession #	P35900; B2R6W7
Molecular Weight	Calculated MW: 48kDa Observed MW: 44kDa
UniProt Protein Name	Keratin, type I cytoskeletal 20
UniProt Gene Name	KRT20
UniProt Synonym Gene Names	CK-20; K20
UniProt Entry Name	K1C20_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/monoclonal/cytokeratin-20-ck20-antibody-immunohistochemistry-western-blot-elisa/282659>