

Mouse Cytokeratin 20 (KRT20) Monoclonal Antibody | anti-KRT20 antibody

Cytokeratin 20 (KRT20) (Colorectal Epithelial Marker)

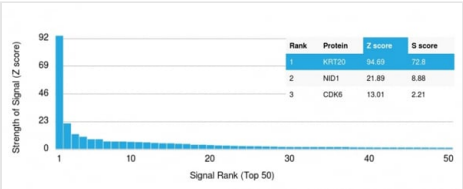
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214676	Mouse	Human. Others not known.	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Cytokeratin 20 (KRT20); Monoclonal Antibody; Cytokeratin 20 (KRT20) (Colorectal Epithelial Marker); CK20; Cytokeratin-20; K20; KA20; Keratin 20; keratin 20; type I; Keratin type I cytoskeletal 20; Keratin-20; KRT20; anti-KRT20 antibody

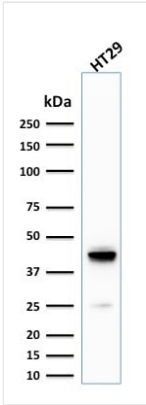
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Others not known.
Clonality	Monoclonal
Isotype	IgG2b, kappa
Clone Number	KRT20/1992
Specificity	This MAb recognizes an intermediate filament protein of 46kDa, identified as cytokeratin 20 (KRT20). KRT is abundantly expressed in goblet cells and enterocytes of the gastrointestinal tract. It is a useful marker of pancreatic and colorectal cancer. KRT20 is expressed under normal, hyperplastic and neoplastic conditions. It has been detected in adenocarcinomas of the colon, stomach and biliary tract. Breast carcinomas are generally non-reactive.
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	424
Applicable Applications for anti-KRT20 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant human KRT20 protein fragment (around aa 196-323)
Cellular Localization	Cytoplasmic
Hu-chromosome Location	17q21.2
Positive Control	T84 or HT29 cells. Colon.



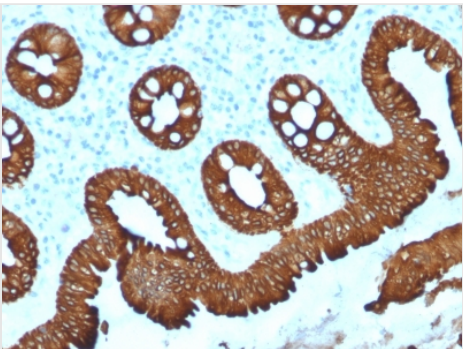
Application Data

Analysis of Protein Array containing more than 19, 000 full-length human proteins using Cytokeratin 20 (KRT20) Mouse Monoclonal Antibody (KRT20/1992).Z- and S- Score: The Z- score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to be specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



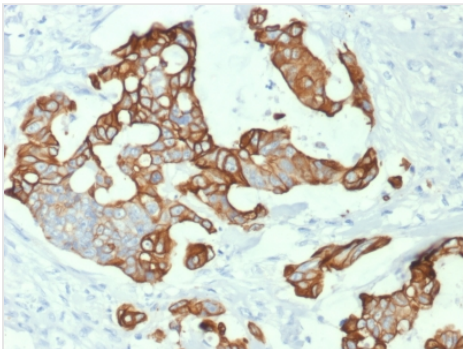
WB (Western Blot)

Western Blot Analysis of human HT29 Cell lysate using Cytokeratin 20 (KRT20) Mouse Monoclonal Antibody (KRT20/1992).



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Colon stained with Cytokeratin 20 (KRT20) Mouse Monoclonal Antibody (KRT20/1992).



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Cytokeratin 20 (KRT20) Mouse Monoclonal Antibody (KRT20/1992).

ADDITIONAL INFORMATION

References	Moll, R., et al. 1993. The human gene encoding Cytokeratin 20 and its expression during fetal development and in gastrointestinal carcinomas. Differentiation 53: 75-93. Wauters, C.C., et al. 1995. Keratins 7 and 20 as diagnostic markers of carcinomas metastatic to the ovary. Hum. Pathol. 26: 852-855.
------------	---

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	46kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cytokeratin-20-krt20-antibody-clone-krt20-1992-immunohistochemistry-western-blot-elisa/214676>