

Mouse Cytokeratin 8 (KRT8) Monoclonal Antibody | anti-KRT8 antibody

Cytokeratin 8 (KRT8)

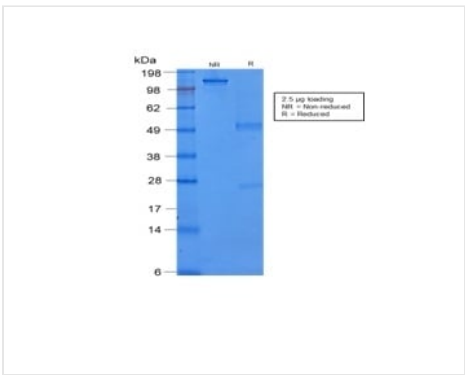
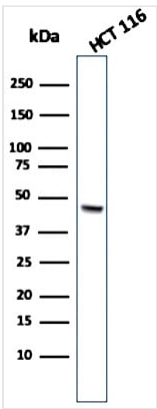
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214415	Mouse	Human, Sheep, Rabbit, Cow, Pig. Does not react with Mouse, Rat, Chicken and Xenopus laevis.	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Cytokeratin 8 (KRT8); Monoclonal Antibody; CARD2; CK8; CYK8; CYKER; Cytokeratin Endo A; DreK8; EndoA; K2C8; K8; Keratin 8; Krt 2.8; KRT8; Type-II Keratin Kb8; anti-KRT8 antibody

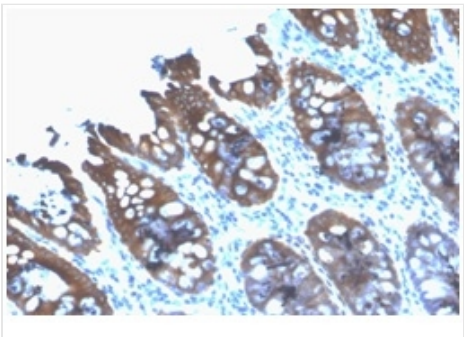
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Sheep, Rabbit, Cow, Pig. Does not react with Mouse, Rat, Chicken and Xenopus laevis.
Clonality	Monoclonal
Isotype	IgG1
Clone Number	rB22.1
Specificity	Cytokeratin 8 (CK8) belongs to the type II (or B or basic) subfamily of high molecular weight cytokeratins and exists in combination with cytokeratin 18 (CK18). CK8 is primarily found in the non-squamous epithelia and is present in majority of adenocarcinomas and ductal carcinomas. It is absent in squamous cell carcinomas. Hepatocellular carcinomas are defined by the use of antibodies that recognize only cytokeratin 8 and 18. CK8 exists on several types of normal and neoplastic epithelia, including many ductal and glandular epithelia such as colon, stomach, small intestine, trachea, and esophagus as well as in transitional epithelium. Anti-CK8 does not react with skeletal muscle or nerve cells. Epithelioid sarcoma, chordoma, and adamantinoma show strong positivity corresponding to that of simple epithelia (with antibodies against CK8, CK18 and CK19). Reportedly, anti-CK8 is useful for the differentiation of lobular (ring-like, perinuclear) from ductal (peripheral-predominant) carcinoma of the breast.
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 and azide at 1.0mg/mL
Sequence Length	483
Applicable Applications for anti-KRT8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full-length human KRT8 protein
Cellular Localization	Cytoplasmic
Hu-chromosome Location	12q13.13
Positive Control	HCT116, MCF-7 or A431 cells, Skin, Colon, Lung or Breast Carcinoma.
Preparation and Storage	Antibody without azide, store at -20°C to -80°C. Non-hazardous. No MSDS required.



SDS-PAGE
SDS-PAGE Analysis of Purified Cytokeratin 8 Mouse Recombinant Monoclonal Antibody (rB22.1).

WB (Western Blot)
Western Blot analysis of HCT116 cell lysate using Cytokeratin 8 Mouse Monoclonal Antibody (rB22.1).



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Colon stained with Cytokeratin 8 Mouse Recombinant Monoclonal Antibody (rB22.1).

ADDITIONAL INFORMATION

References	Bartek et al. J. Pathology, 164:215-24 (1991). Kovarik et al. J.Tumor Marker Oncol. 5: 219 (1990). Vojtsek et al. Folia Biol.35: 373-382 (1989).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	372466577
NCBI GeneID	3856
NCBI Accession #	NP_001243222.1
NCBI GenBank Nucleotide #	NM_001256293.1
UniProt Accession #	P05787; Q14099; Q14716; Q14717; Q53GJ0; Q6DHW5; Q6GMY0; Q6P4C7; Q96J60; A8K4H3; B0AZN5; F8VXB4
Molecular Weight	52.5kDa
NCBI Official Full Name	keratin, type II cytoskeletal 8 isoform 2
NCBI Official Synonym Full Names	keratin 8
NCBI Official Symbol	KRT8
NCBI Official Synonym Symbols	K8; KO; CK8; CK-8; CYK8; K2C8; CARD2
NCBI Protein Information	keratin, type II cytoskeletal 8
UniProt Protein Name	Keratin, type II cytoskeletal 8

UniProt Gene Name	KRT8
UniProt Synonym Gene Names	CYK8; CK-8; K8

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-8-krt8-antibody-clone-rb22-1-immunohistochemistry-western-blot-elisa/214415>