

Rabbit anti-Human, Mouse KRT8 Polyclonal Antibody | anti-KRT8 antibody

KRT8 Antibody

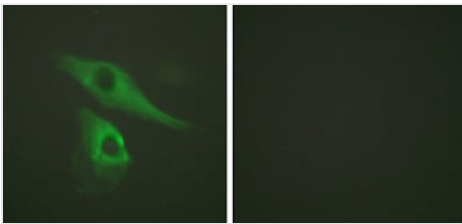
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29673	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

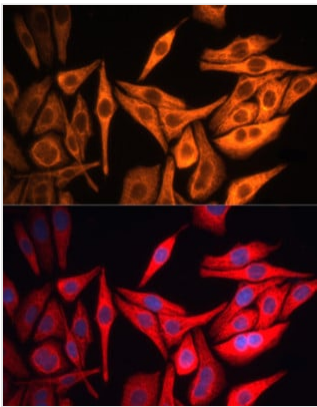
KRT8; Polyclonal Antibody; KRT8 Antibody; CARD2; CK8; CYK8; K2C8; anti-KRT8 antibody

PRODUCT SPECIFICATIONS

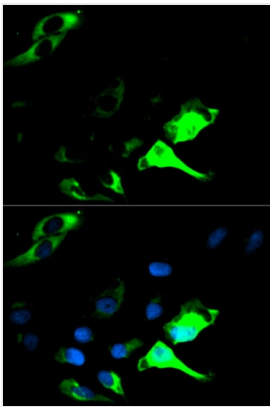
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total KRT8 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	483
Applicable Applications for anti-KRT8 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	Western blotting: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human KRT8.
Target Name	KRT8
Preparation and Storage	Store at -20 degree C



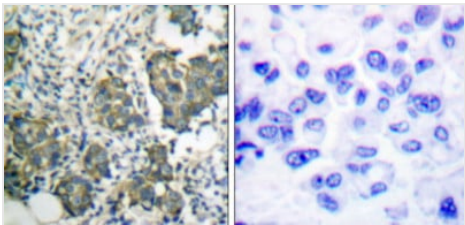
IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells, using Keratin 8 Antibody. The picture on the right is blocked with the synthesized peptide.



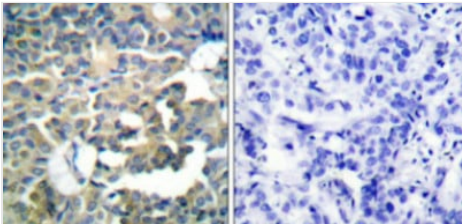
IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using Cytokeratin-8 at dilution of 1:100. Blue: DAPI for nuclear staining.



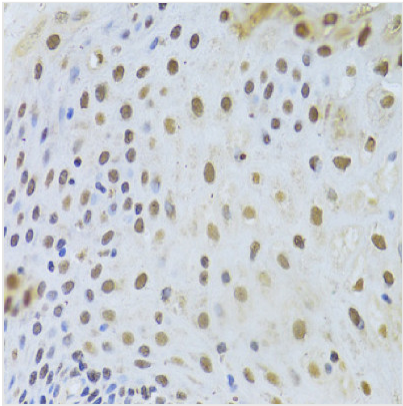
IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cell using KRT8 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Keratin 8 Antibody. The picture on the right is blocked with the synthesized peptide.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human esophagus using Cytokeratin-8 at dilution of 1:200 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-KRT8 antibody

Keratins (cytokeratins) are intermediate filament proteins that are mainly expressed in epithelial cells. Keratin heterodimers composed of an acidic keratin (or type I keratin, keratins 9 to 23) and a basic keratin (or type II keratin, keratins 1 to 8) assemble to form filaments (1,2). Keratin isoforms demonstrate tissue- and differentiation-specific profiles that make them useful as biomarkers (1). Research studies have shown that mutations in keratin genes are associated with skin disorders, liver and pancreatic diseases, and inflammatory intestinal diseases (3-6).

Product Categories/Family for anti-KRT8 antibody

Total protein Ab

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	SDS-PAGE MW: 54KD
NCBI Official Full Name	keratin, type II cytoskeletal 8 isoform 2
NCBI Official Synonym Full Names	keratin 8, type II
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
UniProt Entry Name	K2C8_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://www.aaabiotech.com/polyclonal/krt8-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/29673>