

Mouse anti-Human Cytokeratin 8 Antibody | anti-CYK8 antibody

Cytokeratin 8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108821	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

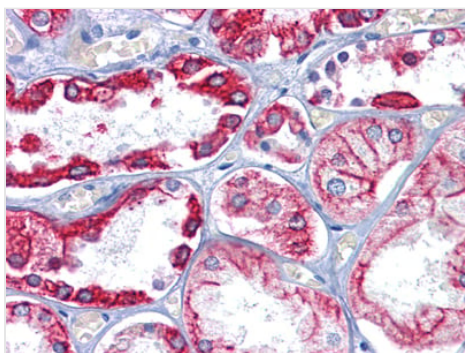
PRODUCT SYNONYMS

Cytokeratin 8; Cytokeratin 8 Antibody; CK8; K2C8; KRT8; anti-CYK8 antibody

PRODUCT SPECIFICATIONS

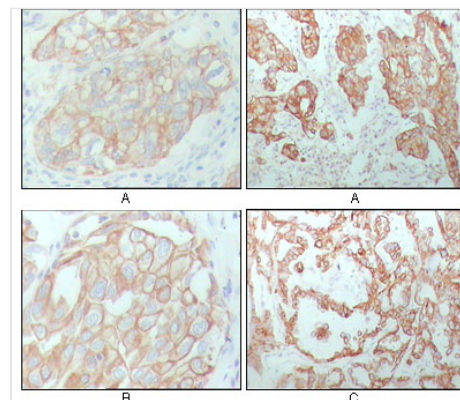
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	8A5D12
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	511
Applicable Applications for anti-CYK8 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human Cytokeratin (aa391-483) expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



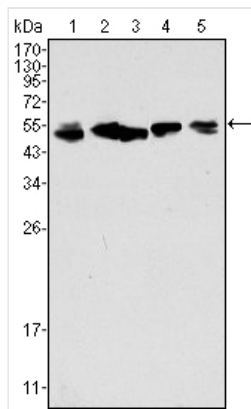
IHC (Immunohistochemistry)

Figure 3. Immunohistochemical analysis of paraffin-embedded human Kidney tissues using CK8 mouse mAb



IHC (Immunohistochemistry)

Figure 2. Immunohistochemical analysis of paraffin-embedded human breast carcinoma (A), lung cancer (B) and ovarian cancer tissue (C), showing membrane and cytoplasmic localization with DAB staining using CK8 mouse mAb.



WB (Western Blot)

Figure 1. Western blot analysis using CK8 mouse mAb against A549 (1), Hela (2), MCF-7 (3), A431 (4) and HepG2 (5) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CYK8 antibody	Cytokeratin 8, also known as CK8, KRT8, K8. Entrez Protein NP_002264. It is a member of the type II keratin family. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. It typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis.
Product Categories/Family for anti-CYK8 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	372466572
NCBI GeneID	3856
NCBI Accession #	NP_001243211.1
NCBI GenBank Nucleotide #	NM_001256282.1
Molecular Weight	54kDa
NCBI Official Full Name	keratin, type II cytoskeletal 8 isoform 1
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/mouse-cyk8-human-antibody/cytokeratin-8/108821>