

Mouse anti-Human Cytokeratin 19 Monoclonal Antibody | anti-KRT19 antibody

Anti-Cytokeratin 19 Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128397	Mouse	Human	ELISA, Immunocytochemistry, Western Blot, Immunoprecipitation, Flow Cytometry, Functional Assay, Immunohistochemistry

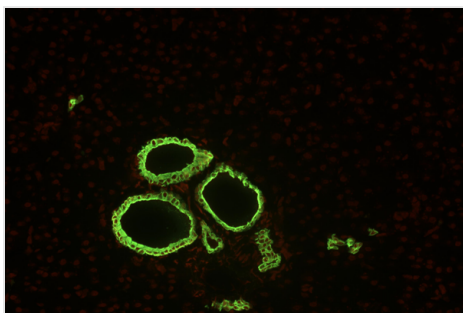
PRODUCT SYNONYMS

Cytokeratin 19; Monoclonal Antibody; Anti-Cytokeratin 19 Purified; keratin 19; K19; CK19; CK-19; CYK19; KRT19; K1CS; anti-KRT19 antibody

PRODUCT SPECIFICATIONS

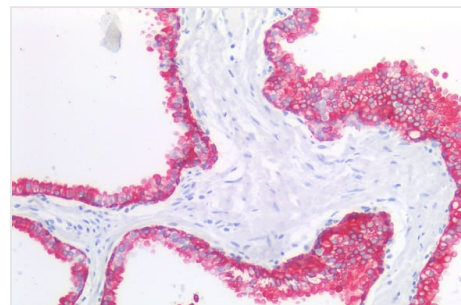
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	A53-B/A2
Specificity	The mouse monoclonal antibody A53-B/A2 recognizes the rod domain of cytokeratin 19 (40 kDa), an intracellular antigen constituting intermediate cytoskeleton filaments. Cytokeratin 19 is not expressed in hepatocytes; it is often co-expressed with cytokeratin 7.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	400
Applicable Applications for anti-KRT19 antibody	ELISA, ICC (Immunocytochemistry), WB (Western Blot), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Immunogen	MCF-7 human breast adenocarcinoma cell line
Preparation and Storage	Store at 2-8 degree C.

IMAGES



IHC (Immunohistochemisry)

Immunohistochemistry staining (paraffin sections) of cytokeratin 19 in human liver using mouse monoclonal antibody A53-B/A2 (AAA128397, diluted 1:100), detected with GAM IgG-Alexa Fluor®488 (diluted 1:200; green), cell nuclei stained with PI (1ug/ml; orange).



IHC (Immunohiostchemistry)

Immunohistochemistry staining of human prostate (paraffin sections) using anti-cytokeratin 19 (A53-B/A2). Commercially tested by LifeSpan BioSciences.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT19 antibody	Cytokeratins are a subfamily of intermediate filaments and characterized by remarkable biochemical diversity. Cytokeratins are represented in epithelial tissues by at least 20 different polypeptides, molecular weight between 40 kDa and 68 kDa. The individual cytokeratin polypeptides are designated 1 to 20 and divided into the type I (acidic cytokeratins 9-20) and type II (basic to neutral cytokeratins 1-8) families.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24234699
NCBI GeneID	3880
NCBI Accession #	NP_002267.2
NCBI GenBank Nucleotide #	NP_002267.2
UniProt Accession #	P08727
NCBI Official Full Name	keratin, type I cytoskeletal 19
NCBI Official Synonym Full Names	keratin 19
NCBI Official Symbol	KRT19
NCBI Official Synonym Symbols	K19; CK19; K1CS
NCBI Protein Information	keratin, type I cytoskeletal 19
UniProt Protein Name	Keratin, type I cytoskeletal 19
UniProt Gene Name	KRT19
UniProt Synonym Gene Names	CK-19; K19
UniProt Entry Name	K1C19_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-19-antibody-clone-a53-b-a2-immunocytochemistry-western-blot-immunoprecipitation-flow-cytometry-immunohistochemistry-elisa/128397>