

Mouse Collagen IV Monoclonal Antibody | anti-COL4A1 antibody

Collagen IV (5C9) Mouse mAb

CATALOG # AAA276916	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

Collagen IV; Monoclonal Antibody; Collagen IV (5C9) Mouse mAb; BSVD; COL4A1; collagen type IV alpha 1; anti-COL4A1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-COL4A1 antibody	IHC (Immunohistochemistry)
Species	Human
Immunogen	Synthetic Peptide
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human Skin Carcinoma Tissue using Collagen IV (EM1393) Mouse mAb diluted at 1:200.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human Liver Carcinoma Tissue using Collagen IV (EM1393) Mouse mAb diluted at 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-COL4A1 antibody	Collagens are fibrous, extracellular matrix proteins with high tensile strength and are the major components of connective tissue, such as tendons and cartilage. All collagens contain a triple helix domain and frequently show lateral self-association in order to form complex connective tissues. Several collagens also play a role in cell adhesion, important for maintaining normal tissue architecture and function.
Product Categories/Family for anti-COL4A1 antibody	Secreted; extracellular space; extracellular matrix; basement membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	148536825
NCBI GeneID	1282

NCBI Accession #	NP_001836.2
NCBI GenBank Nucleotide #	NM_001845.4
UniProt Accession #	p02462 ; Q1P9S9 ; Q5VWF6 ; Q86X41 ; Q8NF88 ; Q9NYC5 ; A7E2W4 ; B1AM70 ; P02462
Molecular Weight	160,615 Da
NCBI Official Full Name	collagen alpha-1(IV) chain preproprotein
NCBI Official Synonym Full Names	collagen, type IV, alpha 1
NCBI Official Symbol	COL4A1
NCBI Official Synonym Symbols	ICH; HANAC; POREN1; arresten
NCBI Protein Information	collagen alpha-1(IV) chain; collagen alpha-1(IV) chain; COL4A1 NC1 domain; collagen IV, alpha-1 polypeptide; collagen of basement membrane, alpha-1 chain
UniProt Protein Name	Collagen alpha-1(IV) chain
UniProt Gene Name	COL4A1
UniProt Entry Name	CO4A1_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/collagen-iv-antibody-immunohistochemistry-elisa/276916>