

Mouse Collagen IV Monoclonal Antibody | anti-COL4A1 antibody

Collagen IV mouse Monoclonal Antibody (8E5)

CATALOG # AAA28917	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Immunofluorescence
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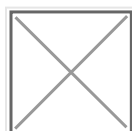
PRODUCT SYNONYMS

Collagen IV; Monoclonal Antibody; Collagen IV mouse Monoclonal Antibody (8E5); Collagen alpha-1 (IV) chain [Cleaved into: Arresten]; anti-COL4A1 antibody

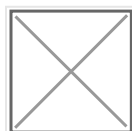
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	8E5
Applicable Applications for anti-COL4A1 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

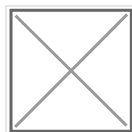
IMAGES



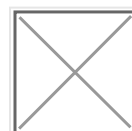
IHC (Immunohistochemistry)
Dilution: IF: 1:50-200 IHC-p 1:50-300



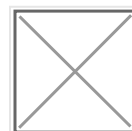
IHC (Immunohistochemistry)
Dilution: IF: 1:50-200 IHC-p 1:50-300



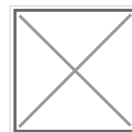
Application Data
Dilution: IF: 1:50-200 IHC-p 1:50-300



IHC (Immunohistochemistry)
Dilution: IF: 1:50-200 IHC-p 1:50-300



IHC (Immunohistochemistry-Paraffin)
Dilution: IF: 1:50-200 IHC-p 1:50-300



Application Data
Dilution: IF: 1:50-200 IHC-p 1:50-300

ADDITIONAL INFORMATION

Related Product Information for anti-COL4A1 antibody

Type IV collagen is the major structural component of glomerular basement membranes (GBM), forming a 'chicken-wire' meshwork together with laminins, proteoglycans and entactin/nidogen.

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-clone-8e5-immunohistochemistry-immunofluorescence-elisa/28917>