

Mouse anti-Human Collagen III alpha 1 Monoclonal Antibody | anti-COL3A1 antibody

Collagen III alpha 1 Mouse mAb

CATALOG # AAA269152	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
-------------------------------	----------------------	----------------------------	---

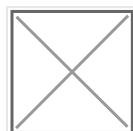
PRODUCT SYNONYMS

Collagen III alpha 1; Monoclonal Antibody; Collagen III alpha 1 Mouse mAb; EDS4A; EDSVASC; anti-COL3A1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6H3-9G8-1C4
Purity/Purification	Affinity Chromatography
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Applicable Applications for anti-COL3A1 antibody	IHC (Immunohistochemistry)
Immunogen	Synthesized peptide derived from human Collagen Type III
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Skin using Collagen III alpha 1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Skin using Collagen III alpha 1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-COL3A1 antibody	Collagen type III occurs in most soft connective tissues along with type I collagen. Involved in regulation of cortical development. Is the major ligand of ADGRG1 in the developing brain and binding to ADGRG1 inhibits neuronal migration and activates the RhoA pathway by coupling ADGRG1 to GNA13 and possibly GNA12
Product Categories/Family for anti-COL3A1 antibody	Pathological Antibody ; Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502951
NCBI GeneID	1281

NCBI Accession #	NP_000081.1
NCBI GenBank Nucleotide #	NM_000090.3
UniProt Accession #	P02461; P78429; Q15112; Q16403; Q53S91; Q541P8; Q6LDB3; Q6LDJ2; Q6LDJ3; Q7KZ56; Q8N6U4; D3DPH4
Molecular Weight	138,564 Da
NCBI Official Full Name	collagen alpha-1(III) chain preproprotein
NCBI Official Synonym Full Names	collagen, type III, alpha 1
NCBI Official Symbol	COL3A1
NCBI Official Synonym Symbols	EDS4A
NCBI Protein Information	collagen alpha-1(III) chain; collagen alpha-1(III) chain; collagen, fetal; alpha1 (III) collagen; Ehlers-Danlos syndrome type IV, autosomal dominant
UniProt Protein Name	Collagen alpha-1(III) chain
UniProt Gene Name	COL3A1
UniProt Entry Name	CO3A1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/collagen-iii-alpha-1-antibody-clone-6h3-9g8-1c4-immunohistochemistry-elisa/269152>