

Product Datasheet

Collagen 3 alpha 1 Mouse Monoclonal Antibody (orb323123)

Catalog Number	orb323123
Category	Antibodies
Description	The Collagen 3 alpha 1 Antibody is suitable for IHC, WB. It is a Monoclonal, Unconjugated antibody which raised against KLH-conjugated synthetic peptide encompassing a sequence of human Collagen 3 alpha 1. The exact sequence is proprietary. Purification: Affinity chromatography
Target	COL3A1
Clonality	Monoclonal
Species/Host	Mouse
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	Liquid
Buffer/Preservatives	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	Affinity chromatography
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of human Collagen 3 alpha 1. The exact sequence is proprietary.
UniProt ID	P02461, P13941, P08121
Tested applications	IHC, WB

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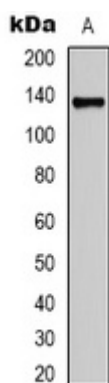
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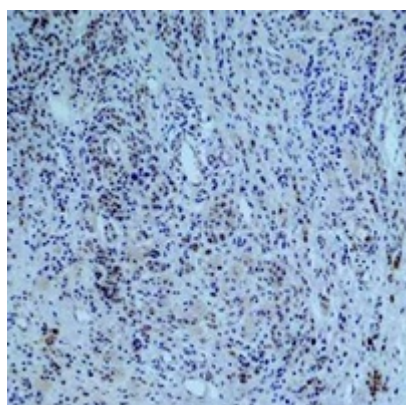
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Dilution range	WB: 1:1000-1:2000, IHC-P: 1:200-1:500
Specificity	Recognizes endogenous levels of Collagen 3 alpha 1 protein.
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	1281 , 84032 , 12825
Expiration Date	12 months from date of receipt.



Western blot analysis of Collagen 3 alpha 1 expression in HeLa (A) whole cell lysates. (Predicted band size: 138 kD; Observed band size: 138 kD)



Immunohistochemical analysis of Collagen 3 alpha 1 staining in human skin formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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