

Mouse monoclonal antibody to Collagen III [Col-29]: IgG

Catalogue No.:	M-1221-100
Description:	Type III Collagen is a fibrillar collagen found in most soft connective tissues such as skin, lung and intestine. At least 2 isoforms are produced by alternative splicing.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Human Collagen Type III
Clone:	Col-29
Other Names:	Collagen alpha-1(III) chain; COL3A1;
Accession:	P02461 CO3A1_HUMAN;
Produced in:	Mouse
Purity:	IgG
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.25-0.50 ug/mL is recommended for WB. Human Collagen III (isoform 1) has a predicted length of 1,466 residues and a MW of 139 kDa. A concentration of 0.5-1.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is required. A concentration of 0.5-1.0 ug/mL is recommended to detect the protein in formalin/acetone fixed tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; mouse; rat;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg Na ₃ N
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

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