



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

<b>Catalogue No.:</b>	M-1221-100
<b>Description:</b>	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.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Human Collagen Type III
<b>Clone:</b>	Col-29
<b>Other Names:</b>	Collagen alpha-1(III) chain; COL3A1;
<b>Accession:</b>	P02461 CO3A1_HUMAN;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	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.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
<b>Cross-reactivity:</b>	Human; mouse; rat;
<b>Form:</b>	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
<b>Reconstitution:</b>	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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FOR RESEARCH USE ONLY