



## Mouse monoclonal antibody to Elastin [IL-4]: IgG

<b>Catalogue No.:</b>	M-1187-100
<b>Description:</b>	Elastin is a major structural protein of tissues such as aorta and nuchal ligament. Elastin is formed through the cross-linking of its soluble precursor tropoelastin. At least 11 isoforms of human elastin are produced by alternative splicing.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Bovine alpha elastin. This antibody recognizes insoluble elastin, alpha elastin and tropoelastin.
<b>Clone:</b>	IL-4
<b>Other Names:</b>	Tropoelastin; ELN; alpha-elastin; WS; WBS; SVAS; FLJ38671; FLJ43523;
<b>Accession:</b>	P04985 ELN_BOVIN; P15502 ELN_HUMAN;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Immunohistochemistry (IHC-P). A concentration of 0.25-0.50 ug/mL is recommended to detect elastin in formalin fixed and paraffin embedded 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 IHC against the antigen.
<b>Cross-reactivity:</b>	Human; dog; guinea pig;
<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>	At least 12 months after purchase at 2-8C (lyophilized formulations). 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