

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

Catalogue No.:	M-1187-100
Description:	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.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Bovine alpha elastin. This antibody recognizes insoluble elastin, alpha elastin and tropoelastin.
Clone:	IL-4
Other Names:	Tropoelastin; ELN; alpha-elastin; WS; WBS; SVAS; FLJ38671; FLJ43523;
Accession:	P04985 ELN_BOVIN; P15502 ELN_HUMAN;
Produced in:	Mouse
Purity:	IgG
Applications:	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.
Specificity:	The specificity of this antibody has been confirmed by IHC against the antigen.
Cross-reactivity:	Human; dog; guinea pig;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN ₃
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:	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.
Expiry Date:	12 months after purchase.

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