

Product datasheet for **AM20634PU-N**

Elastin (ELN) Mouse Monoclonal Antibody [Clone ID: IL-4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	IL-4
Applications:	IHC, IP
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 0.25-0.5 µg/ml.
Reactivity:	Bovine, Canine, Guinea Pig, Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Bovine alpha-elastin
Specificity:	This antibody reacts to Elastin.
Formulation:	1.2% sodium acetate, with 2 mg BSA and 0.01 mg sodium azide as preservative. State: Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore with 1.2% sodium acetate or neutral PBS
Concentration:	0,1 mg/ml (after reconstitution with PBS)
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	elastin
Database Link:	Entrez Gene 2006 Human P15502



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Background:	Elastin is a major structural protein of tissues such as aorta, which must expand rapidly and recover completely. Elastin chains are cross-linked together into an extensible 3D network. It is a molecular determinant of late arterial morphogenesis, stabilizing arterial structure by regulating proliferation and organization of vascular smooth muscle. Defects in elastin are a cause of autosomal dominant cutis laxa.
Synonyms:	ELN, Tropoelastin
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane