

Anti-Elastin Antibody (Monoclonal, BA-4)

Catalog Number: MA1038

About ELN

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.

Overview

Product Name	Anti-Elastin Antibody (Monoclonal, BA-4)
Reactive Species	Bovine, Human
Description	Mouse IgG monoclonal antibody for Elastin, elastin (ELN) detection. Tested with IHC-P in Human; bovine. No cross reactivity with other proteins.
Application	IHC
Clonality	Monoclonal BA-4
Formulation	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg Na ₃ N as preservative.
Storage Instructions	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Host	Mouse
Uniprot ID	P15502

Technical Details

Immunogen	Bovine alpha-elastin.
Recommended Detection Systems	Boster recommends HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P).
Cross Reactivity	No cross reactivity with other proteins

Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Purification	Ascites
Suggested Dilutions	Immunohistochemistry(Paraffin-embedded Section), 0.25-0.5µg/ml, Bovine, human, By Heat
	For protocols please visit https://www.bosterbio.com/protocol-and-troubleshooting/

Anti-Elastin Antibody (Monoclonal, BA-4) (MA1038) Images



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