

Elastin Antibody [clone BA-4] (R30033)

Catalog No.	Formulation	Size
R30033	0.5mg/ml with 1% BSA and 0.01% sodium azide if reconstituted with 0.2ml sterile 1X PBS	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Bovine
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	BA-4
Purity	Ascites
Gene ID	2006
Applications	IHC (FFPE) : 0.25-0.5ug/ml
Limitations	This Elastin antibody is available for research use only.



Description

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.

This antibody is part of the [Elastin antibody collection](#), where additional ELN antibodies can be explored.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Elastin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Bovine alpha-elastin was used as the immunogen for this Elastin antibody.

Storage

After reconstitution, the Elastin antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.