

## 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
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.

## 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.