

39-1033: Anti-Elastin Monoclonal Antibody (Clone: BA-4)

Clonality :	Monoclonal
Clone Name :	BA-4
Application :	IHC-P
Reactivity :	Human,Bovine
Gene :	ELN
Gene ID :	2006
Uniprot ID :	P15502
Alternative Name :	Elastin; Tropoelastin; ELN
Isotype :	Mouse IgG1
Immunogen Information :	Bovine alpha-elastin.

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.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	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.

Application Note

Immunohistochemistry(Paraffin-embedded Section) : 0.25-0.5µg/ml