

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

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

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