

Recombinant Elastin (ELN) (Marker of Arterial Stiffness and Atherosclerosis) Antibody

Mouse Monoclonal Antibody [Clone rELN/2069]

Catalog No	Format	Size
2006-MSM5-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2006-MSM5-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2006-MSM5-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	rELN/2069
Immunogen	Recombinant full-length human Elastin protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	68.4kDa
Cellular Localization	Extracellular matrix, Extracellular space, Secreted
Species Reactivity	Human
Positive Control	Expressed within the outer myometrial smooth muscle and throughout the arteriolar tree of uterus (at protein level)

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant Elastin (ELN) (Marker of Arterial Stiffness and Atherosclerosis) Antibody

Specificity & Comments

Major structural protein of tissues such as aorta and nuchal ligament, which must expand rapidly and recover completely. Molecular determinant of the late arterial morphogenesis, stabilizing arterial structure by regulating proliferation and organization of vascular smooth muscle (By similarity).

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.