

ELN monoclonal antibody, clone BA-4

Catalog # MAB1516 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native ELN.
Immunogen	Native purified bovine elastin-alpha.
Host	Mouse
Theoretical MW (kDa)	67.5
Reactivity	Bovine, Dog, Guinea pig, Human
Form	Lyophilized
Purification	Affinity purification
Isotype	IgG1
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.25-0.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 1.2% sodium acetate (2 mg BSA, 0.01 mg sodium azide)
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with 1 mL of 1.2% sodium acetate or neutral PBS and concentration will be 100 ug/mL, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Gene Info — ELN

Entrez GeneID	280781
Gene Name	ELN
Gene Alias	MGC148808
Gene Description	elastin
Gene Ontology	Hyperlink
Gene Summary	Williams-Beuren syndrome)
Other Designations	elastin (supravalvular aortic stenosis, Williams-Beuren syndrome)

Publication Reference

- [Connection between elastin haploinsufficiency and increased cell proliferation in patients with supravalvular aortic stenosis and Williams-Beuren syndrome.](#)

Urban Z, Riaz S, Seidl TL, Katahira J, Smoot LB, Chitayat D, Boyd CD, Hinek A.

American Journal of Human Genetics 2002 Jul; 71(1):30.

- [Molecular biology and pathology of human elastin.](#)

Uitto J, Christiano AM, Kahari VM, Bashir MM, Rosenbloom J.

Biochemical Society Transactions 1991 Nov; 19(4):824.