Datasheet for ABIN952077

anti-Emilin1 antibody

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Overview

Quantity:	0.1 mg
Target:	Emilin1 (EMILIN1)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This Emilin1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Mouse Emilin-1
Clone:	C11A8
Isotype:	IgG2a
Specificity:	This antibody was selected for its ability to detect Murine Emilin-1.
Cross-Reactivity (Details):	Species reactivity (tested):Mouse.
Purification:	Affinity Chromatography on Protein G

Target Details

Target:	Emilin1 (EMILIN1)
Alternative Name:	EMILIN1 (EMILIN1 Products)

Target Details

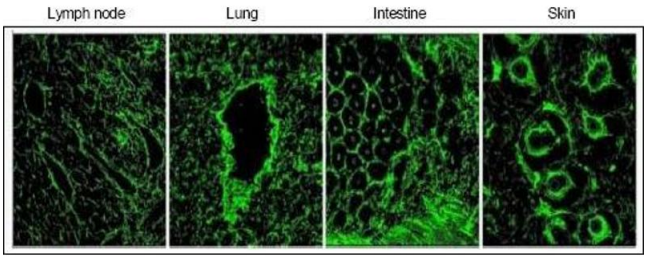
Background:	Emilin-1 is an extracellular matrix glycoprotein localized at sites where elastin and microfibrils are in proximity. It may be responsible for anchoring smooth muscle cells to elastic fibers. It has cell adhesive capacity. Emilin-1 may have a role in the regulation of blood vessel assembly since it inhibits TGFB signaling by binding specifically to the pro-TGFB precursor and preventing its maturation by furin convertases in the extracellular space. TGFB proteins are the main regulators of blood vessel development and maintenance.Synonyms: EMI, EMILIN-1, Elastin microfibril interface-located protein 1, Elastin microfibril interfacer 1
Gene ID:	100952
NCBI Accession:	NP_598679
UniProt:	Q99K41

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore in sterile water to a concentration is 0.1-1.0 mg/mL. Centrifuge vial prior to opening.
Buffer:	PBS
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Prior to reconstitution store at 2-8 °C for one month or at -20 °C for longer. Following reconstitution store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunofluorescence

Image 1.

