

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human EMILIN2 in direct ELISAs.
Source	Monoclonal Mouse IgG _{2B} Clone # 1031401
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Human EMILIN2 synthetic peptide
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Immunocytochemistry Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

EMILIN (Elastin Microfibril Interface Located Protein) is an elastic fiber-associated glycoprotein. EMILIN2 is a protein that may be responsible for anchoring smooth muscles to elastin fibers. It also may be involved in the process that regulates vessel assembly. MRNA expression of EMILIN2 is more restricted compared to EMILIN1 with highest levels being present in fetal heart and adult lung. EMILIN2 is secreted extracellularly by in vitro-grown cells.

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