



[Go to Product page](#)

Datasheet for ABIN952078
anti-EMILIN2 antibody

1 Image

Overview

Quantity:	0.1 mg
Target:	EMILIN2
Reactivity:	Human
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This EMILIN2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant protein gC1q domain of EMILIN-2.
Clone:	828B3B3
Isotype:	IgG2b
Specificity:	This antibody was selected for its ability to detect Human Emilin-2.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity Chromatography on Protein G

Target Details

Target:	EMILIN2
Alternative Name:	EMILIN2 (EMILIN2 Products)
Background:	Emilins (elastin microfibril interface located proteins) are extracellular matrix glycoproteins that

Target Details

localize to sites with proximity to elastin and microfibrils. They consist of an N-terminal cysteine-rich EMI domain and a conserved C-terminal gC1q-like domain. Emilin-1 is abundant in elastin-rich tissues such as blood vessels, skin, heart and lung. It influences placenta formation and initial organogenesis with a later role in interstitial connective tissue. Emilin-2 is larger than Emilin-1 and contains a unique proline-rich domain. It is likely involved in the process of elastogenesis. Multimerin-2 (also known as Emilin-3 or EndoGlyx-1) is expressed during embryonic development. Multimerin-1 (also known as Emilin-4) is expressed in platelets and the endothelium of blood vessels and may act as a carrier protein for platelet factor V. Emilin-5 is encoded by the Emilin-3 gene and is sometimes referred to as Emilin-3. It contains the N-terminal cysteine-rich EMI domain but lacks the C-terminal gC1q-like domain. Emilin-5 is expressed in human mesenchymal stem cells and plays an important role in skeletal development. Synonyms: EMILIN-2, Elastin microfibril interface-located protein 2, Elastin microfibril interfacier 2, Protein FOAP-10

Gene ID: 84034

NCBI Accession: [NP_114437](#)

UniProt: [Q9BXX0](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Reconstitution: Centrifuge vial prior to opening. Restore with 200 µL sterile PBS and the final concentration is 500 µg/mL.

Buffer: PBS

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Prior to reconstitution store at -70 °C. Following reconstitution store the antibody (in aliquots) at -20 °C for at least 6 months.

Expiry Date: 6 months



Western Blotting

Image 1.