

Datasheet for ABIN7600434
anti-MATN4 antibody (AA 191-590)



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Overview

Quantity:	100 µg
Target:	MATN4
Binding Specificity:	AA 191-590
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MATN4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Matrilin-4/MATN4 Antibody Picoband®
Immunogen:	E.coli-derived human Matrilin-4/MATN4 recombinant protein (Position: E191-Q590). Human Matrilin-4/MATN4 shares 90% amino acid (aa) sequence identity with mouse Matrilin-4/MATN4.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-Matrilin-4/MATN4 Antibody Picoband® (ABIN7600434). Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: MATN4

Alternative Name: MATN4 ([MATN4 Products](#))

Background: Synonyms: MATN4, Matrilin-4
Background: This gene encodes a member of von Willebrand factor A domain-containing protein family. The proteins of this family are thought to be involved in the formation of filamentous networks in the extracellular matrices of various tissues. This family member is thought to play a role in reorganizing and regenerating the corneal matrix in granular and lattice type I dystrophies. It may also be involved in wound healing in the dentin-pulp complex. Alternative splicing results in multiple transcript variants.

Molecular Weight: 68 kDa

Gene ID: 8785

UniProt: [O95460](#)

Application Details

Application Notes: Western blot, 0.25-0.5 µg/mL, Human
Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human
ELISA, 0.1-0.5 µg/mL
1. Jay, P., Diriong, S., Taviaux, S., Roeckel, N., Mattei, M.-G., Audit, M., Berge-Lefranc, J.-L., Fontes, M., Berta, P. Isolation and regional mapping of cDNAs expressed during early human development. Genomics 39: 104-108, 1997. 2. Wagener, R., Kobbe, B., Paulsson, M. Genomic organisation, alternative splicing and primary structure of human matrilin-4. FEBS Lett. 438: 165-170, 1998.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Concentration: 500 µg/mL

Handling

Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.