

Anti-ECM2 Antibody Picoband®

Catalog Number: A09257-1

About ECM2

ECM2 encodes extracellular matrix protein 2, so named because it shares extensive similarity with known extracellular matrix proteins. Three transcript variants encoding different isoforms have been found for this gene.

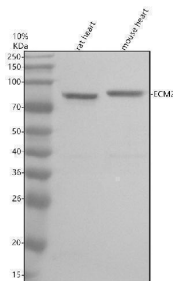
Overview

Product Name	Anti-ECM2 Antibody Picoband®
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-ECM2 Antibody Picoband® catalog # A09257-1. Tested in WB, ELISA applications. This antibody reacts with Mouse, Rat. 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.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage Instructions	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.
Host	Rabbit
Uniprot ID	O94769

Technical Details

Immunogen	E.coli-derived human ECM2 recombinant protein (Position: I13-E676).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Mouse, Rat ELISA, 0.1-0.5 ug/ml

Anti-ECM2 Antibody Picoband® (A09257-1) Images



Western blot analysis of ECM2 using anti-ECM2 antibody (A09257-1). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: rat heart tissue lysates, Lane 2: mouse heart tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-ECM2 antigen affinity purified polyclonal antibody (A09257-1) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for ECM2 at approximately 80 kDa. The expected band size for ECM2 is at 80 kDa.

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Anti-ECM2 Antibody

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