BOSTER BIOLOGICAL TECHNOLOGY
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Anti-CLEC4A Antibody Picoband®

Catalog Number: A08158-2

About CLEC4A

Predicted to enable D-mannose binding activity; calcium ion binding activity; and pattern recognition receptor activity. Predicted to be involved in several processes, including antifungal innate immune response; negative regulation of tumor necrosis factor production; and plasmacytoid dendritic cell antigen processing and presentation. Predicted to be located in plasma membrane. Predicted to be active in external side of plasma membrane. Orthologous to human CLEC4A (C-type lectin domain family 4 member A).

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Overview

Product Name	Anti-CLEC4A Antibody Picoband®
Reactive Species	Mouse
Description	Boster Bio Anti-CLEC4A Antibody Picoband® catalog # A08158-2. Tested in WB, ELISA applications. This antibody reacts with Mouse. 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 Na2HPO4.
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	Q9QZ15

Technical Details

Immunogen	E.coli-derived mouse CLEC4A recombinant protein (Position: M1-L238).
Form	Lyophilized

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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 ELISA, 0.1-0.5 ug/ml

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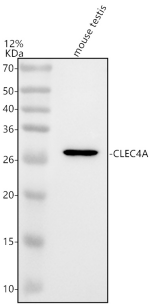
Anti-CLEC4A Antibody Picoband® (A08158-2) Images



Western blot analysis of CLEC4A using anti-CLEC4A antibody (A08158-2). Electrophoresis was performed on a 12% 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: mouse testis 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-CLEC4A antigen affinity purified polyclonal antibody (A08158-2) 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 CLEC4A at approximately 28 kDa. The expected band size for CLEC4A is at 28 kDa.

Anti-CLEC4A Antibody

For Research Use Only. Not for use in diagnostic procedures.