

Anti-Granzyme M/GZMM Antibody Picoband®

Catalog Number: A08286-1

About Gzmm

Granzyme M is a protein that in humans is encoded by the GZMM gene. Human natural killer (NK) cells and activated lymphocytes express and store a distinct subset of neutral serine proteases together with proteoglycans and other immune effector molecules in large cytoplasmic granules. These serine proteases are collectively termed granzymes and include 4 distinct gene products: granzyme A, granzyme B, granzyme H, and the protein encoded by this gene, granzyme M. Two transcript variants encoding different isoforms have been found for this gene.

Overview

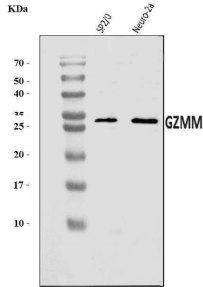
Product Name	Anti-Granzyme M/GZMM Antibody Picoband®
Reactive Species	Mouse
Description	Boster Bio Anti-Granzyme M/GZMM Antibody Picoband® catalog # A08286-1. Tested in ELISA, WB applications. This antibody reacts with Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior 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 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	O08643

Technical Details

Immunogen	E.coli-derived mouse Granzyme M/GZMM recombinant protein (Position: A64-D206).
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
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 ELISA, 0.1-0.5 ug/ml, -

Anti-Granzyme M/GZMM Antibody Picoband® (A08286-1) Images



Western blot analysis of Granzyme M/GZMM using anti-Granzyme M/GZMM antibody (A08286-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: mouse SP2/0 whole cell lysates, Lane 2: mouse Neuro-2a whole cell 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-Granzyme M/GZMM antigen affinity purified polyclonal antibody (Catalog # A08286-1) 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 Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for Granzyme M/GZMM at approximately 28 kDa. The expected band size for Granzyme M/GZMM is at 28 kDa.

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Anti-Granzyme M/GZMM Antibody

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