

Anti-GM-CSF/CSF2 Antibody Picoband®

Catalog Number: PA1456

About CSF2

GM-CSF, Granulocyte-macrophage colony-stimulating factor, is a protein secreted by macrophages, T cells, mast cells, endothelial cells, and fibroblasts. By fluorescence in situ hybridization, the GM-CSF gene is mapped to 5q31.1. GM-CSF is a cytokine that functions as a white blood cell growth factor. GM-CSF stimulates stem cells to produce granulocytes (neutrophils, eosinophils, and basophils) and monocytes. GM-CSF is an essential regulator of neutrophil function.

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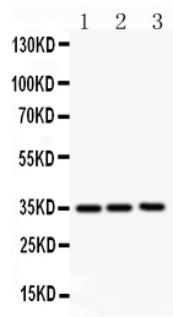
Overview

Product Name	Anti-GM-CSF/CSF2 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-GM-CSF/CSF2 Antibody catalog # PA1456. Tested in WB 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.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store 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 freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P04141

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human GM-CSF.
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, 0.1-0.5ug/ml, Human

Anti-GM-CSF/CSF2 Antibody Picoband® (PA1456) Images



Anti-GM-CSF antibody, PA1456, Western blotting
All lanes:
Anti GM-CSF (PA1456) at 0.5ug/ml
Lane 1: JURKAT Whole Cell Lysate at 40ug
Lane 2: HELA Whole Cell Lysate at 40ug
Lane 3: HT1080 Whole Cell Lysate at 40ug
Predicted bind size: 16KD
Observed bind size: 35KD

1 Publications Citing This Product

1. PubMed ID: 27229324, The Balance between Conventional DCs and Plasmacytoid DCs Is Pivotal for Immunological Tolerance during Pregnancy in the Mouse

Visit bosterbio.com/anti-gm-csf-antibody-pa1456-boster.html to see all 1 publications.

Anti-GM-CSF/CSF2 Antibody

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