

Anti-Eotaxin/CCL11 Antibody Picoband®

Catalog Number: PA1531

About Ccl11

Eotaxin, also known as CCL11 (Chemokine (C-C motif) ligand 11), a small cytokine belonging to the CC chemokine family. Eotaxin selectively recruits eosinophils by inducing their chemotaxis, and therefore, is implicated in allergic responses. The effects of Eotaxin are mediated by its binding to a G-protein-linked receptor known as a chemokine receptor. Chemokine receptors for which Eotaxin is a ligand include CCR2, CCR3 and CCR5. However, it has been found that eotaxin-1 (CCL11) has high degree selectivity for its receptor, such that they are inactive on neutrophils and monocytes, which do not express CCR3. The gene for human Eotaxin is encoded on three exons and is located on chromosome 17q12.

Overview

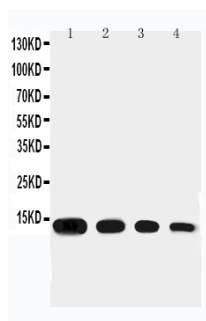
Product Name	Anti-Eotaxin/CCL11 Antibody Picoband®
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-Eotaxin/CCL11 Antibody catalog # PA1531. Tested in WB applications. This antibody reacts with Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, 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	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ . *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	P48298

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse Eotaxin, identical to the related rat sequence.
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, Mouse, Rat

Anti-Eotaxin/CCL11 Antibody Picoband® (PA1531) Images



Anti-Eotaxin antibody, PA1531, Western blotting
Lane 1: Recombinant mouse Eotaxin Protein 10ng
Lane 2: Recombinant mouse Eotaxin Protein 5ng
Lane 3: Recombinant mouse Eotaxin Protein 2.5ng
Lane 4: Recombinant mouse Eotaxin Protein 1.25ng

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Anti-Eotaxin/CCL11 Antibody

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