

Anti-Eotaxin 3/CCL26 Antibody

Catalog Number: PA1451

About CCL26

Eotaxin-3 is a small cytokine belonging to the CC chemokine family that is also called CCL26, Chemokine (C-C motif) ligand 26. Chemokines play pivotal roles in health and disease by controlling migration and tissue localization of specific types of cells expressing their cognate receptors. Eotaxin-3 is chemotactic for eosinophils and basophils and elicits its effects by binding to the cell surface chemokine receptor CCR3. It is expressed by several tissues including heart, lung and ovary, and in endothelial cells that have been stimulated with the cytokine interleukin 4. This gene for chemokine is located on human chromosome 7. Eotaxin-3 induced migration of eosinophils and basophils only at a 10-fold higher concentration than eotaxin.

Overview

Product Name	Anti-Eotaxin 3/CCL26 Antibody
Reactive Species	Human
Description	Boster Bio Anti-Eotaxin 3/CCL26 Antibody catalog # PA1451. Tested in WB applications. This antibody reacts with Human.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
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	Q9Y258

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Eotaxin 3.
Predicted Reactive Species	Horse
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	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blot, 0.1-0.5ug/ml, Human</p>

Anti-Eotaxin 3/CCL26 Antibody (PA1451) Images



Anti-Eotaxin3 antibody, PA1451, Western blotting
All lanes: Anti Eotaxin3 (PA1451) at 0.5ug/ml
Lane 1: COLO320 Whole Cell Lysate at 40ug
Lane 2: A549 Whole Cell Lysate at 40ug
Predicted bind size: 11KD
Observed bind size: 11KD

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