

Anti-Eotaxin/Ccl11 Antibody PE Conjugated

Catalog Number: A01438-2-PE

About Ccl11

CCL11 (Chemokine (C-C motif) ligand 11), also known as Eotaxin, is 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 PE Conjugated
Reactive Species	Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, IHC). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ N.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P97545

Technical Details

Immunogen	E.coli-derived rat Eotaxin/Ccl11 recombinant protein (Position: H24-P97).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	PE Excitation Wavelength: 566 nm Emission Wavelength: 574 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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