

Anti-Eotaxin/CCL11 Antibody Picoband® PE Conjugated

Catalog Number: PB9065-PE

About Ccl11

CCL11, also known as Eotaxin, is a potent inducer of eosinophil chemotaxis and is considered as a selective ligand of the CC chemokine receptor 3 (CCR3), which is expressed on eosinophils, basophils, and Th2 lymphocytes. The gene maps to chromosome 17 and is expressed constitutively at high levels in small intestine and colon, and at lower levels in various other tissues. CCL11 is a small cytokine belonging to the CC chemokine family. It is assumed to be involved in eosinophilic inflammatory diseases such as atopic dermatitis, allergic rhinitis, asthma and parasitic infections. The effects of CCL11 are mediated by its binding to a G-protein-linked receptor known as a chemokine receptor.

Overview

Product Name	Anti-Eotaxin/CCL11 Antibody Picoband® PE Conjugated
Reactive Species	Mouse
Application	Recommended applications are based on the parent unconjugated antibody (WB). 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	P48298

Technical Details

Immunogen	E.coli-derived mouse Eotaxin recombinant protein (Position: H24-P97). Mouse Eotaxin shares 62% and 97% amino acid (aa) sequences identity with human and rat Eotaxin, respectively.
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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