

Anti-Eotaxin Picoband Antibody
Catalog # ABO11781**Specification**

Anti-Eotaxin Picoband Antibody - Product Information

Application	WB
Primary Accession	P48298
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Eotaxin(CCL11) detection. Tested with WB in Mouse.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-Eotaxin Picoband Antibody - Additional Information

Gene ID 20292

Other Names

Eotaxin, C-C motif chemokine 11, Eosinophil chemotactic protein, Small-inducible cytokine A11, Ccl11, Scya11

Calculated MW

10893 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Mouse

Subcellular Localization

Secreted.

Tissue Specificity

Expressed constitutively in the thymus. Expression inducible in the lung (type I alveolar epithelial cells), intestine, heart, spleen, kidney.

Protein Name

Eotaxin

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

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.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Anti-Eotaxin Picoband Antibody - Protein Information

Name Ccl11

Synonyms Scya11

Function

In response to the presence of allergens, this protein directly promotes the accumulation of eosinophils (a prominent feature of allergic inflammatory reactions), but not lymphocytes, macrophages or neutrophils (PubMed:7568052, PubMed:8574847). Binds to CCR3 (By similarity).

Cellular Location

Secreted.

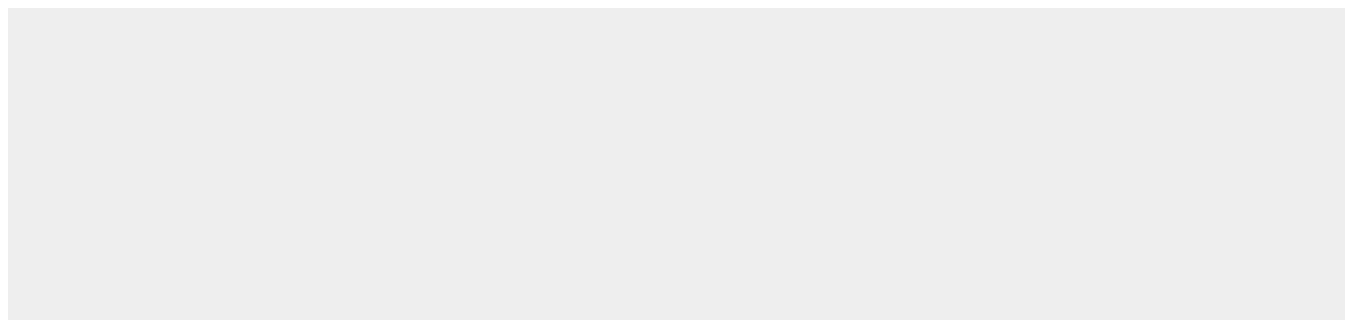
Tissue Location

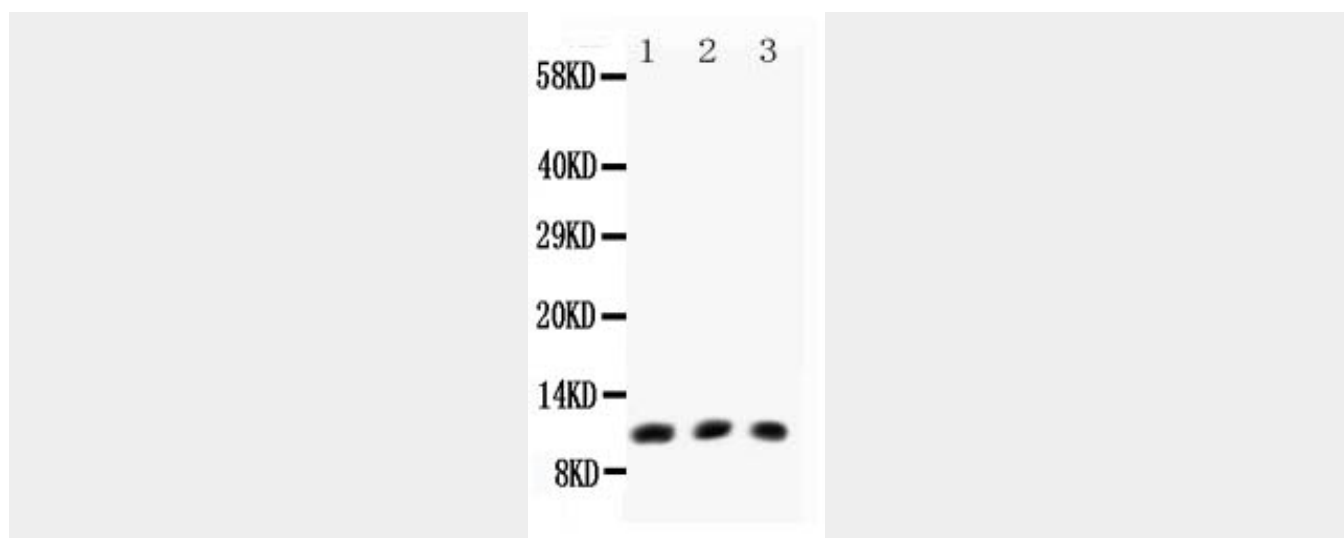
Expressed constitutively in the thymus. Expression inducible in the lung (type I alveolar epithelial cells), intestine, heart, spleen, kidney.

Anti-Eotaxin Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Eotaxin Picoband Antibody - Images



Anti-Eotaxin Picoband antibody, ABO11781-1.jpg All lanes: Anti-Eotaxin (ABO11781) at 0.5ug/ml
Lane 1: Mouse Lung Tissue Lysate at 40ug
Lane 2: Mouse Intestines Tissue Lysate at 40ug
Lane 3: HEPA Whole Cell Lysate at 40ug
Predicted bind size: 11KD
Observed bind size: 11KD

Anti-Eotaxin Picoband Antibody - Background

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.