

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

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**Anti-Eotaxin Picoband Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">P48298</a> |
| 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<br>

**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 Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg NaN<sub>3</sub>.

**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:<a href="http://www.uniprot.org/citations/7568052" target="\_blank">7568052</a>, PubMed:<a href="http://www.uniprot.org/citations/8574847" target="\_blank">8574847</a>). Binds to CCR3 (By similarity).

**Cellular Location**

Secreted.

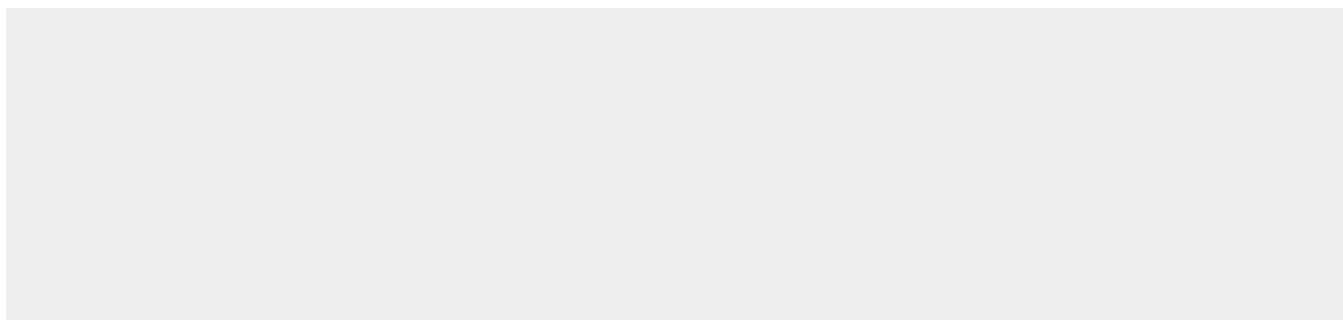
**Tissue Location**

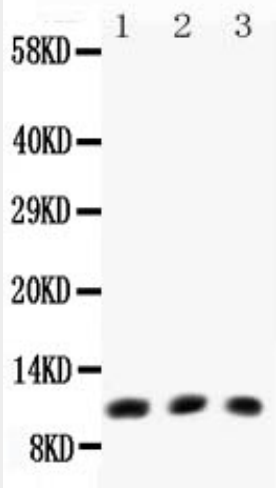
Expressed constitutively in the thymus. Expression inducible in the lung (type I alveolar epithelial cells), intestine, heart, spleen, kidney.

**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.