

## Basic Information

Product Name	Anti-Eotaxin/CCL11 Antibody
Gene Name	CCL11
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	mouse, rat
Tested Application	WB
Contents	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg/ml BSA and 50% glycerol.
Immunogen	Polypeptide
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	11 kDa
Dilution Ratios	Western blot (WB):1:500-2000

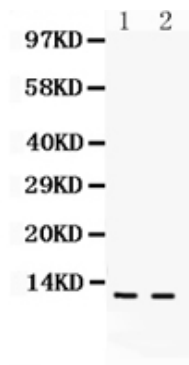
## Storage

12 months from date of receipt, -20°C as supplied.

## Background Information

Eotaxin, also known as CCL11(Chemokine(C-C motif) ligand 11), 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.

## Selected Validation Data



Western blot analysis of Eotaxin/CCL11 using anti-Eotaxin/CCL11 antibody (BA2033-2). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: rat intestine tissue lysates,

Lane 2: mouse intestine tissue lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-Eotaxin/CCL11 antigen affinity purified polyclonal antibody (BA2033-2) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for Eotaxin/CCL11 at approximately 11 kDa. The expected band size for Eotaxin/CCL11 is at 11 kDa.