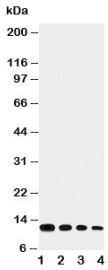
Eotaxin Antibody (R30607)

Catalog No.	Formulation	Size
R30607	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P48298
Applications	Western blot: 0.5-1ug/ml
Limitations	This Eotaxin antibody is available for research use only.



Western blot testing of Eotaxin antibody and Lane 1: recombinant mouse protein 10ng; 2: 5ng; 3: 2.5ng; 4: 1.25ng

Description

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 Eotaxinis 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.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Eotaxin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of mouse Eotaxin (CADPKKKWVQDATKHLDQKLQ) was used as the immunogen for this Eotaxin antibody (100% rat homology).

Storage

After reconstitution, the Eotaxin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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