

Eotaxin 3 Antibody (C-Terminal Region) (R30523)

Catalog No.	Formulation	Size
R30523	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
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	Q9Y258
Applications	Western Blot : 0.5-1ug/ml
Limitations	This Eotaxin 3 antibody is available for research use only.



Western blot testing of human 1) COLO320 and 2) A549 lysate with Eotaxin antibody
Predicted molecular weight ~11 kDa.

Description

Eotaxin-3 is a small cytokine belonging to the CC chemokine family that is also called CCL26, Chemokine(C-C motif) ligand 26. Chemokines play pivotal roles in health and disease by controlling migration and tissue localization of specific types of cells expressing their cognate receptors. Eotaxin-3 is chemotactic for eosinophils and basophils and elicits its effects by binding to the cell surface chemokine receptor CCR3. It is expressed by several tissues including heart, lung and ovary, and in endothelial cells that have been stimulated with the cytokine interleukin 4. This gene for chemokine is located on human chromosome 7. Eotaxin-3 induced migration of eosinophils and basophils only at a 10-fold higher concentration than eotaxin.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Eotaxin 3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human Eotaxin 3 (CTHPRKKWVQKYISLLKTPKQL) was used as the immunogen for this Eotaxin 3 antibody.

Storage

After reconstitution, the Eotaxin 3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.