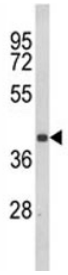
CCR3 Antibody (F51362)

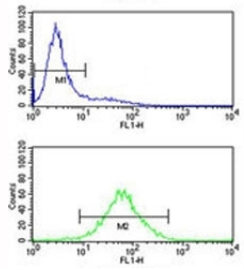
Catalog No.	Formulation	Size
F51362-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51362-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Primate
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P51677
Applications	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50
Limitations	This CCR3 antibody is available for research use only.



Western blot analysis of CCR3 antibody and Jurkat lysate. Visualized from 40~55 kDa



CCR3 antibody flow cytometry analysis of Jurkat cells (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

CCR3 is a receptor for C-C type chemokines. It belongs to family 1 of the G protein-coupled receptors. This receptor binds and responds to a variety of chemokines, including eotaxin (CCL11), eotaxin-3 (CCL26), MCP-3 (CCL7), MCP-4 (CCL13), and RANTES (CCL5). It is highly expressed in eosinophils and basophils, and is also detected in TH1 and TH2 cells, as well as in airway epithelial cells. This receptor may contribute to the accumulation and activation of eosinophils and other inflammatory cells in the allergic airway. It is also known to be an entry co-receptor for HIV-1.

Application Notes

Titration of the CCR3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 291-318 from the human protein was used as the immunogen for this CCR3 antibody.

Storage

Aliquot the CCR3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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