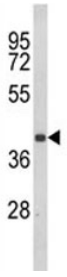
# CCR3 Antibody (F51362)

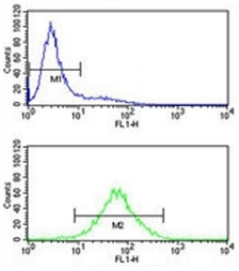
| Catalog No. | Formulation | Size |
|---|---|---|
| F51362-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F51362-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**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<br>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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