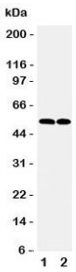
CCR3 Antibody (R31297)

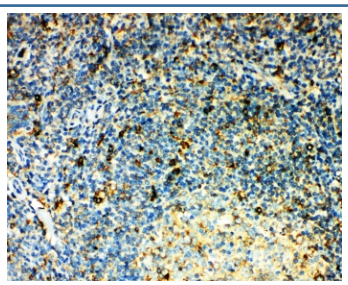
Catalog No.	Formulation	Size
R31297	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
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	P51677
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 0.5-1ug/ml
Limitations	This CCR3 antibody is available for research use only.



Western blot testing of CCR3 antibody and Lane 1: K562; 2: Raji cell lysate. Expected molecular weight: 40~55 kDa.



IHC-P: CCR3 antibody testing of human tonsil tissue

Description

C-C chemokine receptor type 3, also called CCR3 or CKR3 is a protein that in humans is encoded by the CCR3 gene. The protein encoded by this gene is a receptor for C-C type chemokines. It belongs to family 1 of the G protein-coupled receptors. This gene and seven other chemokine receptor genes form a chemokine receptor gene cluster on the chromosomal region 3p21. 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. Alternatively spliced transcript variants have been described.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the CCR3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of human C-C chemokine receptor type 3 (MTTSLDTVETFGTTSYYDDV) was used as the immunogen for this CCR3 antibody.

Storage

After reconstitution, the CCR3 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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