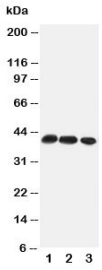
CCR4 Antibody (R30591)

Catalog No.	Formulation	Size
R30591	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	P51680
Applications	Western blot: 0.5-1ug/ml
Limitations	This CCR4 antibody is available for research use only.



Western blot testing of CCR4 antibody and Lane 1: rat thymus; 2: rat spleen; 3: mouse HEPA cell lysate. Predicted/observed molecular weight: ~41 kDa.

Description

CCR4,C-C chemokine receptor type 4 is a protein that in humans is encoded by the CCR4 gene. CCR4 has also recently been designated CD194(cluster of differentiation 194). The protein encoded by this gene belongs to the G protein-coupled receptor family. It is a receptor for the following CC chemokines. The CCR4 gene is mapped to chromosome 3. Chemokines are a group of small structurally related proteins that regulate cell trafficking of various types of leukocytes. The chemokines also play fundamental roles in the development, homeostasis, and function of the immune system, and they have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the CCR4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the middle region of mouse CCR4 (SYTQSTVDHDFRDAL) was used as the immunogen for this CCR4 antibody (100% rat homology).

Storage

After reconstitution, the CCR4 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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