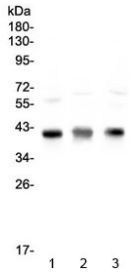
CCR4 Antibody (RQ4399)

Catalog No.	Formulation	Size
RQ4399	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P51679
Applications	Western blot: 0.5-1ug/ml
Limitations	This CCR4 antibody is available for research use only.



Western blot testing of 1) rat thymus, 2) mouse thymus and 3) mouse NIH 3T3 lysate with CCR4 antibody at 0.5ug/ml. Predicted 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

Optimal dilution of the CCR4 antibody should be determined by the researcher.

Immunogen

Amino acids LVELEVLQDCTFERYLDYAIQATETLAFVH from the human protein were used as the immunogen for the CCR4 antibody.

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.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
Copyright © NSJ Bioreagents. All rights reserved.