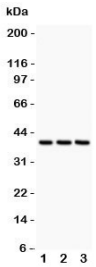
CXCR6 Antibody (R31193)

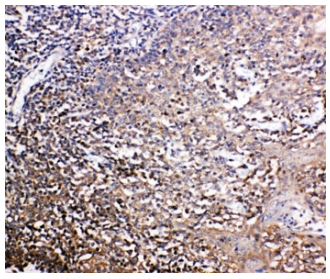
Catalog No.	Formulation	Size
R31193	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	O00574
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This CXCR6 antibody is available for research use only.



Western blot testing of CXCR6 antibody and Lane 1: HeLa; 2: Jurkat; 3: MCF-7 lysate. Expected/observed molecular weight: ~39 kDa.



IHC-P: CXCR6 antibody testing of human tonsil tissue

Description

Chemokine CXC Motif Receptor 6, also known as STRL33 and Bonzo, is a protein that in humans is encoded by the CXCR6 gene. By Southern blot analysis of genomic DNA and somatic cell hybrid analysis, Liao et al.(1997) mapped the single-copy gene to chromosome 3. Matloubian et al.(2000) found that human and mouse cells expressing the protein showed a strong chemotactic response to CXCL16 but not to other chemokines. The authors concluded that CXCL16 and CXCR6 most likely function in interactions between dendritic cells and T cells and in regulating T-cell migration in the splenic red pulp. Kim et al.(2001) concluded that the proteinb may be important in the trafficking of effector T cells mediating type-1 inflammation.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the CXCR6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human Chemokine CXC Motif Receptor 6 (EDNSKTFSASHNVEATSMFQL) was used as the immunogen for this CXCR6 antibody.

Storage

After reconstitution, the CXCR6 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.