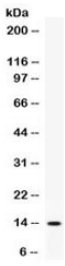
Cxcl5 Antibody (R32174)

Catalog No.	Formulation	Size
R32174	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	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
UniProt	P97885
Applications	Western blot: 0.1-0.5ug/ml ELISA: 0.1-0.5ug/ml (rat protein tested); request BSA-free format for coating
Limitations	This Cxcl5 antibody is available for research use only.



Western blot testing of rat recombinant protein with Cxcl5 antibody.

Description

C-X-C motif chemokine 5 or ENA-78 is a protein that in humans is encoded by the CXCL5 gene. The protein encoded by this gene, CXCL5 is a small cytokine belonging to the CXC chemokine family. It is produced following stimulation of cells with the inflammatory cytokines interleukin-1 or tumor necrosis factor-alpha. Expression of CXCL5 has also been observed ineosinophils, and can be inhibited with the type II interferon IFN-Î³. This chemokine stimulates the chemotaxis of neutrophils possessing angiogenic properties. It elicits these effects by interacting with the cell surface chemokine receptor CXCR2. The gene for CXCL5 is encoded on four exons and is located on human chromosome 4 amongst

several other CXC chemokine genes. CXCL5 has been implicated in connective tissue remodelling. Also, CXCL5 has been described to regulate neutrophil homeostasis.

Application Notes

Optimal dilution of the Cxcl5 antibody should be determined by the researcher.

Immunogen

Amino acids 38-130 of rat Cxcl5 were used as the immunogen for the Cxcl5 antibody.

Storage

After reconstitution, the Cxcl5 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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