

BCA1 Antibody / B cell-attracting chemokine 1 / CXCL13 (R31822)

Catalog No.	Formulation	Size
R31822	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	O43927
Localization	Secreted
Applications	Western Blot : 0.1-0.5ug/ml ELISA : 0.1-0.5ug/ml (Capture; human protein tested); request BSA-free format for coating
Limitations	This BCA1 antibody is available for research use only.



Western blot testing of human HeLa lysate with BCA1 antibody. Expected/observed molecular weight ~13 kDa.

Description

C-X-C motif chemokine 13, also known as B lymphocyte chemoattractant (BLC), is a protein that in humans is encoded by the CXCL13 gene. CXCL13 is a small cytokine belonging to the CXC chemokine family. Its gene is mapped to human chromosome 4 in a cluster of other CXC chemokines. This protein contains 109 amino acids. It is expressed highly in the liver, spleen, lymph nodes and gut of humans. It induces chemotaxis of BLR1-expressing B cells.

Application Notes

Optimal dilution of the BCA1 antibody should be determined by the researcher.

Immunogen

Amino acids 23-109 of human BCA1 were used as the immunogen for the BCA1 antibody.

Storage

After reconstitution, the BCA1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.