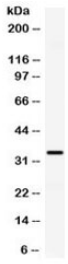
CXCL10 Antibody / IP10 (R31873)

Catalog No.	Formulation	Size
R31873	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
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	P02778
Applications	Western Blot : 0.1-0.5ug/ml ELISA : 0.1-0.5ug/ml (human protein tested); request BSA-free format for coating
Limitations	This CXCL10 antibody is available for research use only.



Western blot testing of human HeLa cell lysate with CXCL10 antibody. Expected molecular weight 8~11 kDa, observed here at ~34 kDa.

Description

C-X-C motif chemokine 10 (CXCL10), also known as Interferon gamma-induced protein 10kDa (IP-10) or small-inducible cytokine B10, is a protein that in humans is encoded by the CXCL10 gene. It is a small cytokine belonging to the CXC chemokine family. The gene for CXCL10 is located on human chromosome 4 in a cluster among several other CXC chemokines. Luster et al. (1987) reported the isolation of an interferon-inducible gene that encodes a 98-amino acid protein called IP10. The chemokine IFN-gamma-inducible protein 10 (IP-10; CXCL10), a CXC chemokine, and its receptor, CXCR3, were found to be overexpressed in lymph node cells of EAMG rats. IP10 inhibits bone marrow colony

formation, has antitumor activity in vivo, is a chemoattractant for human monocytes and T cells, and promotes T cell adhesion to endothelial cells.

Application Notes

Optimal dilution of the CXCL10 antibody should be determined by the researcher.

Immunogen

Amino acids 22-98 of human IP10/CXCL10 were used as the immunogen for the CXCL10 antibody.

Storage

After reconstitution, the CXCL10 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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