

For Research Use Only

CXCL10/IP-10 Recombinant antibody, PBS Only

Catalog Number: 85307-1-PBS



Basic Information

Catalog Number: 85307-1-PBS	GenBank Accession Number: BC010954	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 3627	CloneNo.: 242013E11
Source: Rabbit	UNIPROT ID: P02778	
Isotype: IgG	Full Name: chemokine (C-X-C motif) ligand 10	
Immunogen Catalog Number: EG2489	Calculated MW: 11 kDa	
	Observed MW: 11 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human

Background Information

CXCL10 (also known as IP-10) is a member of the CXC chemokine family which binds to the CXCR3 receptor to exert its biological effects. CXCL10 is a 12-kDa protein and constitutes two internal disulfide cross bridges. The predicted signal peptidase cleavage generates a 10-kDa secreted polypeptide with four conserved cysteine residues in the N-terminal. The CXCL10 gene localizes on chromosome 4 at band q21, a locus associated with an acute monocytic/B-lymphocyte lineage leukemia exhibiting translocation of t(4; 11)(q21; q23). CXCL10 mediates leukocyte trafficking, adaptive immunity, inflammation, haematopoiesis and angiogenesis. Under proinflammatory conditions CXCL10 is secreted from a variety of cells, such as leukocytes, activated neutrophils, eosinophils, monocytes, epithelial cells, endothelial cells, stromal cells (fibroblasts) and keratinocytes in response to IFN- γ .

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

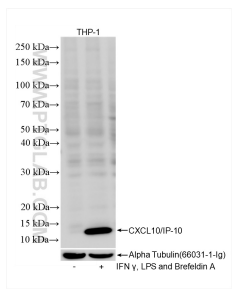
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



IFN gamma, LPS and Brefeldin A treated THP-1 cells were subjected to SDS PAGE followed by western blot with 85307-1-RR (CXCL10/IP-10 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85307-1-PBS in a different storage buffer formulation.

