

Product Data Sheet: CXCL10 Rabbit Polyclonal Antibody

Cat. No: AB-80549

Conjugate: Unconjugated

Size: 100µg Clone: **POLY Concentration:** 1mg/ml Host: Rabbit Isotype: IqG

Recombinant fusion protein containing a sequence corresponding to amino acids Immunogen:

22-98 of human CXCL10/IP-10

Human, Mouse Reactivity:

Western Blot: 1:1000 - 1:5000

Applications: Immunofluorescence: 1:50 - 1:200

Immunocytochemistry: 1:50 - 1:200

Molecular Weight: 11kDa

Purification: Affinity purification

C7; IFI10; INP10; IP-10; crg-2; mob-1; SCYB10; gIP-10; CXCL10/IP-10 **Synonyms:**

> This antimicrobial gene encodes a chemokine of the CXC subfamily and ligand for the receptor CXCR3. Binding of this protein to CXCR3 results in pleiotropic effects,

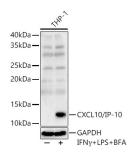
Background: including stimulation of monocytes, natural killer and T-cell migration, and

modulation of adhesion molecule expression. This gene may also be a key regulator of the 'cytokine storm' immune response to SARS-CoV-2 infection.

Form: Liquid

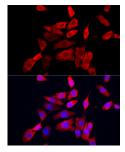
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Store at -20°C. Avoid freeze / thaw cycles. Storage:



Western blot analysis of THP-1, using CXCL10/IP-10 antibody at 1:3000 dilution.THP-1 cells were treated by LPS for 6 hours, Brefeldin A for 3 hours and IFNγ (50ng/ml) for 8 hours of stimulation. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus.Exposure time: 30s.



Immunofluorescence analysis of NIH/3T3 cells using CXCL10/IP-10 Rabbit pAb at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



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