Anti-CXCL10/IP-10 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P102171

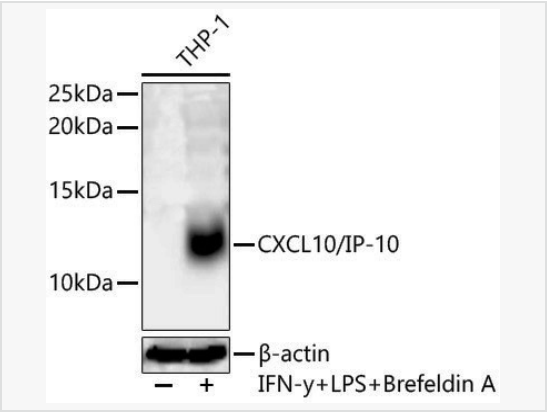
Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:500~1:2000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 20-98 of human CXCL10/IP-10 (NP_001556.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-CXCL10/IP-10 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

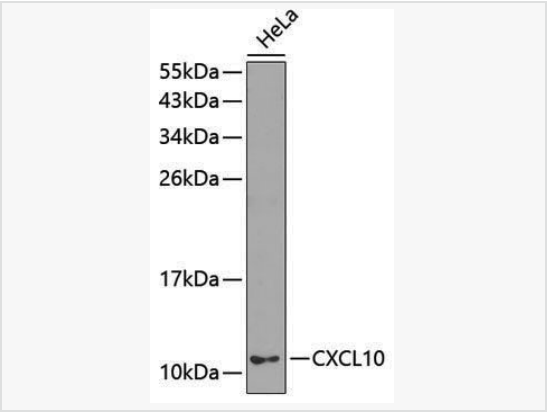
Protein Information

Synonyms	C7; IFI10; INP10; IP-10; crg-2; mob-1; SCYB10; gIP-10; CXCL10/IP-10.
Calculated MW	Calculated MW: 11 kDa; Observed MW: 11 kDa
Uniprot ID	P02778
Gene ID	3627
Background	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, 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.

Validation Images



Western blot analysis of lysates from THP-1 cells using CXCL10/IP-10 Rabbit pAb (P102171) at 1:2,000 dilution incubated overnight at 4°C. THP-1 cells were treated by IFN-γ (200ng/ml) at 37°C for 24 hours,LPS (50ng/ml) at 37°C for 24 hours and BFA (5ug/ml) at 37°C for 21 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 30 µg per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 20s.



Western blot analysis of lysates from HeLa cells, using CXCL10/IP-10 Rabbit pAb (P102171).
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.