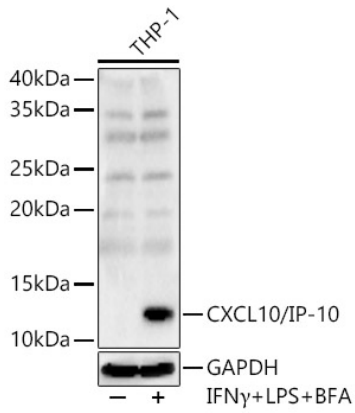
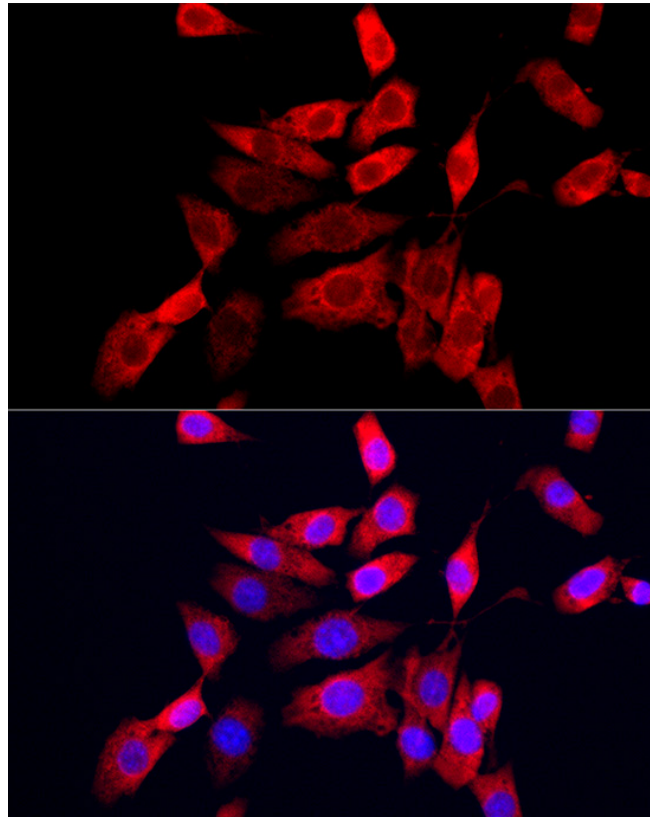


Product name:	CXCL10 Rabbit Polyclonal Antibody
Cat number:	AB-80549
Conjugate:	Unconjugated
Size:	100µg
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 22-98 of human CXCL10/IP-10
Reactivity:	Human, Mouse
Applications:	Western Blot: 1:1000 - 1:5000 Immunofluorescence: 1:50 - 1:200 Immunocytochemistry: 1:50 - 1:200
Molecular Weight:	11kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
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.



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 IFN γ (50ng/ml) for 8 hours of stimulation. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 μ g 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.