

A19138

Leader in Biomolecular Solutions for Life Science



## CXCL10/IP-10 Rabbit pAb

Catalog No.: A19138

### Basic Information

**Observed MW**

11kDa

**Calculated MW**

11kDa

**Category**

Polyclonal Antibody

**Applications**

WB,IF/ICC,ELISA

**Cross-Reactivity**

Human,Mouse

### 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.

### Recommended Dilutions

**WB** 1:1000 - 1:5000

**IF/ICC** 1:50 - 1:200

### Immunogen Information

**Gene ID**

3627

**Swiss Prot**

P02778

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 22-98 of human CXCL10/IP-10 (NP\_001556.2).

**Synonyms**

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

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

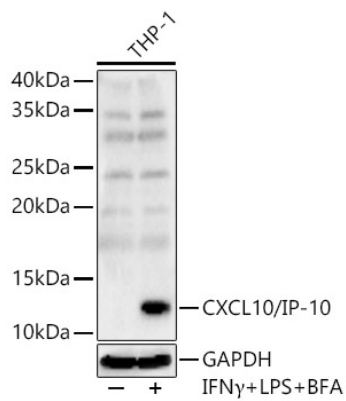
Affinity purification

**Storage**

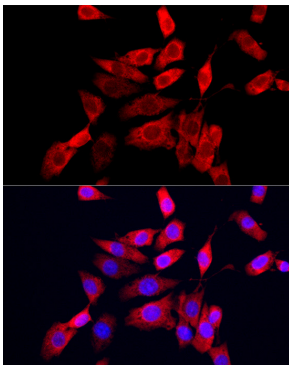
Store at -20°C. Avoid freeze / thaw cycles.

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

## Validation Data



Western blot analysis of THP-1, using CXCL10/IP-10 antibody (A19138) at 1:3000 dilution. THP-1 cells were treated by LPS for 6 hours, Brefeldin A for 3 hours and IFN $\gamma$  (50ng/ml) for 8 hours of stimulation. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunofluorescence analysis of NIH/3T3 cells using CXCL10/IP-10 Rabbit pAb (A19138) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.