

A21986

Leader in Biomolecular Solutions for Life Science



CXCL10/IP-10 Rabbit mAb

Catalog No.: A21986

Recombinant

4 Publications

Basic Information

Observed MW

11kDa

Calculated MW

11kDa

Category

Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human

Clone number

ARC5116-05

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 - 1:10000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

3627

Swiss Prot

P02778

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

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

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

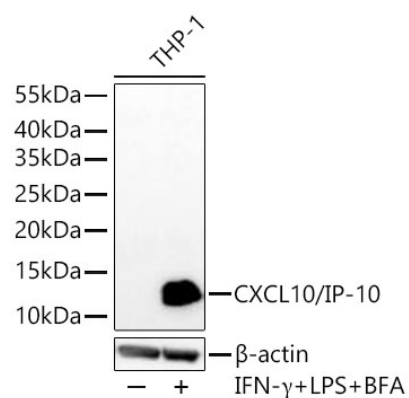
Purification

Affinity purification

Storage

Store at -20°C

Validation Data



Western blot analysis of lysates from THP-1 cells using CXCL10/IP-10 Rabbit mAb (A21986) at 1:1000 dilution incubated overnight at 4°C. THP-1 cells were treated with IFN-γ (100 ng/mL), LPS (1 µg/mL) and Brefeldin A (300 ng/mL) for 8 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 30 µg per lane.

Blocking buffer: 3 % nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.