

A11601

Leader in Biomolecular Solutions for Life Science



CXCR3 Rabbit pAb

Catalog No.: A11601

1 Publications

Basic Information

Observed MW

46kDa

Calculated MW

41kDa

Category

Mouse Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human

Background

This gene encodes a G protein-coupled receptor with selectivity for three chemokines, termed CXCL9/Mig (monokine induced by interferon-g), CXCL10/IP10 (interferon-g-inducible 10 kDa protein) and CXCL11/I-TAC (interferon-inducible T cell a-chemoattractant). Binding of chemokines to this protein induces cellular responses that are involved in leukocyte traffic, most notably integrin activation, cytoskeletal changes and chemotactic migration.

Alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the isoforms (CXCR3-B) shows high affinity binding to chemokine, CXCL4/PF4 (PMID:12782716).

Recommended Dilutions

WB 1:100 - 1:500

Immunogen Information

Gene ID

2833

Swiss Prot

P49682

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-53 of human CXCR3 (NP_001136269.1).

Synonyms

GPR9; MigR; CD182; CD183; Mig-R; CKR-L2; CMKAR3; IP10-R; CXCR3

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

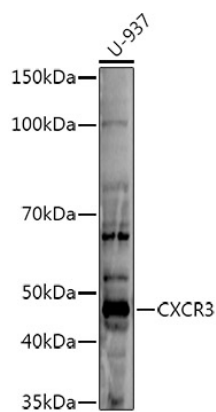
Affinity purification

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 extracts of U-937 cells, using CXCR3 antibody (A11601) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 90s.