

## CXCR3 Antibody

Catalog No: #35701

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## Description

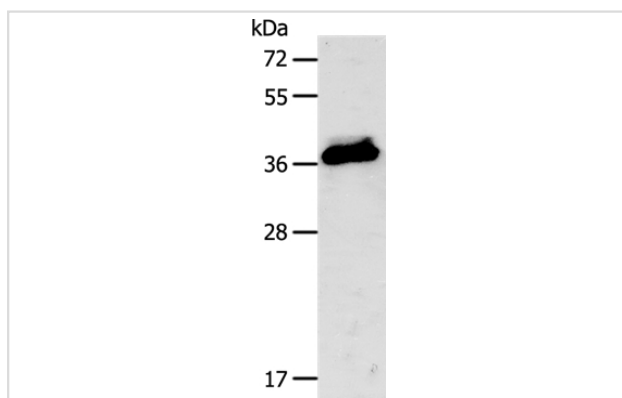
Product Name	CXCR3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total CXCR3 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the N terminal of human chemokine (C-X-C motif) receptor 3
Target Name	CXCR3
Other Names	GPR9; MigR; CD182; CD183; Mig-R; CKR-L2; CMKAR3; IP10-R
Accession No.	Swiss-Prot#: P49682NCBI Gene ID: 2833Gene Accssion: BC034403
Uniprot	P49682
GeneID	2833;
SDS-PAGE MW	40kd
Concentration	0.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

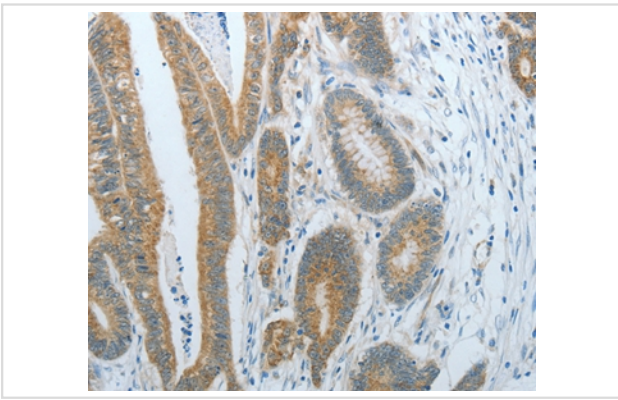
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:15-1:50

## Images



Gel: 10%SDS-PAGE  
 Lysates (from left to right): Mouse liver tissue  
 Amount of lysate: 40ug per lane  
 Primary antibody: 1/250 dilution  
 Secondary antibody dilution: 1/8000  
 Exposure time: 40 seconds



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #35701 at dilution 1/15.

## 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).

Note: This product is for in vitro research use only