Product Datasheet

CXCR3 Rabbit mAb

Catalog No: #49600

Package Size: #49600-1 50ul #49600-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

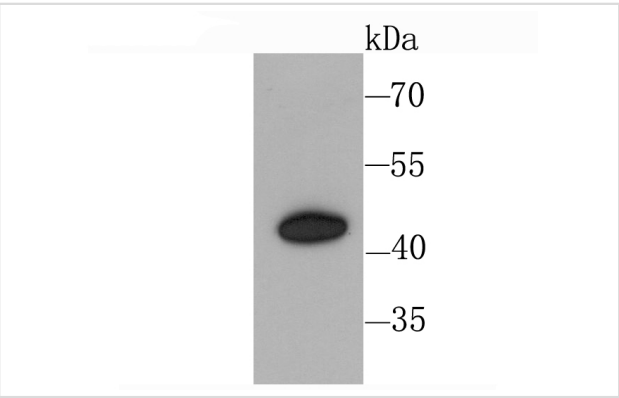
Description

Product Name	CXCR3 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JA61-33
Purification	ProA affinity purified
Applications	WB, ICC/IF, IP
Species Reactivity	Hu
Immunogen Description	recombinant protein
Other Names	C-X-C chemokine receptor type 3 antibody CD 183 antibody CD182 antibody CD183 antibody Chemokine (C X C motif) receptor 3 antibody Chemokine (C X C) receptor 3 antibody Chemokine CXC Motif Receptor 3 antibody CKR L2 antibody CKR-L2 antibody CKRL2 antibody CMKAR3 antibody CXC-R3 antibody CXCR-3 antibody CXCR3 antibody CXCR3_HUMAN antibody G Protein Coupled Receptor 9 antibody G protein-coupled receptor 9 antibody GPR9 antibody Interferon-inducible protein 10 receptor antibody IP-10 receptor antibody IP10 antibody IP10 R antibody IP10 receptor antibody IP10-R antibody IP10R antibody Mig R antibody Mig receptor antibody Mig-R antibody MIGR antibody
Accession No.	Swiss-Prot#:P49682
Uniprot	P49682
GeneID	2833;
Calculated MW	41 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

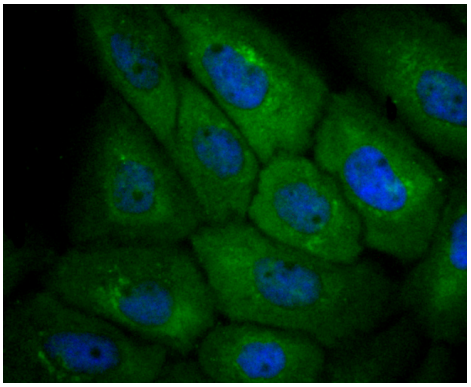
Application Details

WB: 1:500-1:2,000 ICC: 1:50-1:200

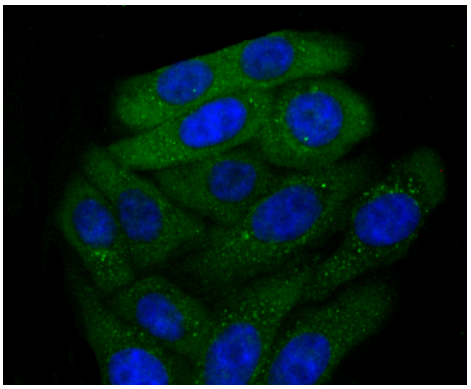
Images



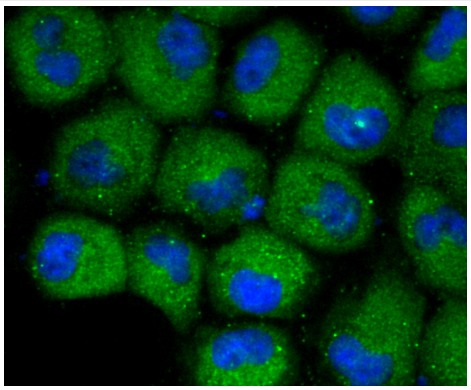
Western blot analysis of CXCR3 on Hela cell using anti-CXCR3 antibody at 1/1,000 dilution.



ICC staining CXCR3 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining CXCR3 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining CXCR3 in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

The C-X-C or α chemokine family is characterized by a pair of cysteine residues separated by a single amino acid and primarily functions as chemoattractants for neutrophils. The C-X-C family includes IL-8, NAP-2, MSGA and stromal cell derived factor-1 (SDF-1). SDF-1 was originally described as a pre-B cell stimulatory factor, but has since been shown to function as a potent chemoattractant for T cells and monocytes but not neutrophils. Receptors for the C-X-C family are G protein-coupled, seven pass transmembrane domain proteins which include IL-8RA, IL-8RB, CXCR-3 and fusin (also designated LESTR or CXCR-4). CXCR-3, also known as IP-10/MIG receptor, mediates Ca2+ mobilization and chemotaxis in response to the C-X-C chemokines IP-10 and MIG. CXCR-3 is highly expressed in IL-2-activated T lymphocytes, but not in resting T lymphocytes, B lymphocytes, monocytes or granulocytes.

References

Note: This product is for in vitro research use only