CXCR3 Conjugated Antibody

Catalog No: #C49600

Package Size: #C49600-AF350 100ul #C49600-AF405 100ul #C49600-AF488 100ul #C49600-AF555 100ul #C49600-AF594 100ul #C49600-AF647 100ul #C49600-AF680 100ul #C49600-AF750 100ul #C49600-Biotin 100ul

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

Description

Product Name	CXCR3 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
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;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	41 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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.

Note: This product is for in vitro research use only