

SDF1 Conjugated Antibody

Catalog No: #C49290



Package Size: #C49290-AF350 100ul #C49290-AF405 100ul #C49290-AF488 100ul

#C49290-AF555 100ul #C49290-AF594 100ul #C49290-AF647 100ul

#C49290-AF680 100ul #C49290-AF750 100ul #C49290-Biotin 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

| | |
|-----------------------|--|
| Product Name | SDF1 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 | 12-O-tetradecanoylphorbol 13-acetate repressed protein 1 antibody AI174028 antibody C-X-C motif chemokine 12 antibody Chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1) antibody Chemokine (C-X-C motif) ligand 12 antibody Chemokine CXC motif ligand 12 antibody cxcl12 antibody hIRH antibody hSDF-1 antibody Interchrine reduced in hepatomas antibody IRH antibody OTTHUMP00000019491 antibody PBSF antibody Pre-B cell growth-stimulating factor antibody SCYB12 antibody SDF 1 antibody SDF-1 antibody SDF-1-alpha(3-67) antibody SDF-1a antibody SDF-1b antibody SDF1_HUMAN antibody SDF1A antibody SDF1B antibody Stromal cell-derived factor 1 antibody Stromal cell-derived factor 1 delta antibody Stromal cell-derived factor 1 gamma antibody Stromal cell-derived factor 1a antibody Stromal cell-derived factor-1 alpha antibody Thymic lymphoma cell-stimulating factor antibody Tlsf antibody TLSF-a antibody TLSF-b antibody Tlsfa antibody Tlsfb antibody TPAR1 antibody |
| Accession No. | Swiss-Prot#:P48061 |
| Uniprot | P48061 |
| GeneID | 6387; |
| 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 | 11 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 stromal cell derived factor 1 (SDF1, CXCL12) is a small, pro-inflammatory chemoattractant cytokine that regulates leukocyte trafficking through interactions with its cognate 7-transmembrane G protein-coupled receptors. The SDF1 receptor, CXCR4, also serves as a coreceptor for the entry of human immunodeficiency virus into target cells. SDF1 may regulate homing and maintenance of CXCR4-expressing stem or progenitor cells, including embryonic and many somatic stem cells. Many cancer cells express CXCR4, suggesting that SDF1 plays a role in cancer metastasis. Alternative splicing and differential processing during maturation produce a pair of SDF1 isoforms (SDF1 α and SDF1 β) that have different properties and biological activities. Additional isoforms of SDF1 have been reported.

Note: This product is for in vitro research use only