

Rabbit anti-Human SDF1 Monoclonal Antibody | anti-SDF1 antibody

SDF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312387	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

SDF1; Monoclonal Antibody; SDF1 Antibody; 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; Intercrine 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; anti-SDF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JJ09-20
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-SDF1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



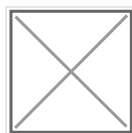
ICC (Immunocytochemistry)

ICC staining SDF1 in 293 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining SDF1 in SW480 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining SDF1 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

ADDITIONAL INFORMATION

Related Product Information for anti-SDF1 antibody	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 (SDF1alpha and SDF1beta) that have different properties and biological activities. Additional isoforms of SDF1 have been reported.
Product Categories/Family for anti-SDF1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	76563933
NCBI GeneID	6387
NCBI Accession #	NP_001029058.1
NCBI GenBank Nucleotide #	NM_001033886.2
UniProt Accession #	P48061; Q2L985; Q2L986; Q2L988; Q5IT36; Q6ICW0; Q9H554; B2R4G0; E7EVL0; H7BYN8
Molecular Weight	10,666 Da
NCBI Official Full Name	stromal cell-derived factor 1 isoform gamma
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 12
NCBI Official Symbol	CXCL12
NCBI Official Synonym Symbols	IRH; PBSF; SDF1; TLSF; TPAR1; SCYB12
NCBI Protein Information	stromal cell-derived factor 1; intercrine reduced in hepatomas; pre-B cell growth-stimulating factor
UniProt Protein Name	Stromal cell-derived factor 1
UniProt Gene Name	CXCL12
UniProt Synonym Gene Names	SDF1; SDF1A; SDF1B; SDF-1; hSDF-1; IRH; hIRH; PBSF
UniProt Entry Name	SDF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/sdf1-antibody-clone-jj09-20-immunofluorescence-immunocytochemistry-western-blot-elisa/312387>