

bsm-61067R**[Primary Antibody]**

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SDF1 Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) ICC/IF (1:50-200)
Clonality: Recombinant		
GeneID: 6387	SWISS: P48061	Reactivity: (predicted: Human)
Target: SDF1		
Immunogen: A synthesized peptide derived from human SDF1: 1-93.		
Purification: affinity purified by Protein A		Predicted MW.: 8 kDa
Concentration: 1mg/ml		Subcellular Location: Secreted
Storage: 0.01M TBS(pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene encodes a stromal cell-derived alpha chemokine member of the intercrine family. The encoded protein functions as the ligand for the G-protein coupled receptor, chemokine (C-X-C motif) receptor 4, and plays a role in many diverse cellular functions, including embryogenesis, immune surveillance, inflammation response, tissue homeostasis, and tumor growth and metastasis. Mutations in this gene are associated with resistance to human immunodeficiency virus type 1 infections. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2013].		

— SELECTED CITATIONS —

- **[IF=2.2]** Wang Yanghao. et al. Bone marrow mesenchymal stem cells overexpressing stromal cell- derived factor 1 aid in bone formation in osteoporotic mice. BMC MUSCULOSKEL DIS. 2024 Dec;25(1):1-14 WB,IHC ;Mouse. 39497150
- **[IF=2.2]** Yanghao Wang. et al.Bone marrow mesenchymal stem cells overexpressing stromal cell-derived factor 1 aid in bone formation in osteoporotic mice.bmc musculoskeletal disorders.2024 Nov 4;25(1):878. Western blot ;Mouse. 3949715