

## Anti-SDF1 Rabbit Monoclonal Antibody

### Introduction

Chemoattractant active on T-lymphocytes, monocytes, but not neutrophils. Activates the C-X-C chemokine receptor CXCR4 to induce a rapid and transient rise in the level of intracellular calcium ions and chemotaxis. Also binds to atypical chemokine receptor ACKR3, which activates the beta-arrestin pathway and acts as a scavenger receptor for SDF-1.

### Product parameters

Alternative Names	CXCL12; SDF1; SDF1A; SDF1B; Stromal cell-derived factor 1; SDF-1; hSDF-1; C-X-C motif chemokine 12; Intercrine reduced in hepatomas; IRH; hIRH; Pre-B cell growth-stimulating factor; PBSF
Gene ID	6387
Gene Name	CXCL12
SwissProt ID	P48061
Host	Rabbit
Reactivity	Human
Molecular Weight	Calculated MW: 11 kDa; Observed MW: 11 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-9A4G8
Form	Liquid
Concentration	See label
Carrier	Carrier Free
Immunogen	A synthesized peptide derived from human SDF1
Purification	Affinity Chromatography
Buffer System	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Application	WB, ICC/IF
Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200
Research Field	Immunology
Product Categories	Primary antibody

Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

## Protocol



Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



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