

Datasheet for ABIN7636722 **anti-CXCL12 antibody**



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Overview

Quantity:	100 µL
Target:	CXCL12
Reactivity:	Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CXCL12 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Stromal Cell Derived Factor 1 (SDF1)
Specificity:	The antibody is a mouse monoclonal antibody raised against SDF1. It has been selected for its ability to recognize SDF1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	CXCL12
Alternative Name:	SDF1 (CXCL12 Products)
Background:	CXCL12, PBSF, P-BSF, SCYB12, SDF1-A, SDF1-B, SDF1A, SDF1B, TLSF-A, TLSF-B, TPAR1, Pre-B Cell Growth-Stimulating Factor, Chemokine C-X-C-Motif Ligand 12
UniProt:	Q6EKW4

Target Details

Pathways: [Regulation of Cell Size](#), [CXCR4-mediated Signaling Events](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Application Notes: Western blotting: 0.2-2 µg/mL, 1:500-5000 Immunohistochemistry: 5-20 µg/mL, 1:50-200 Immunocytochemistry: 5-20 µg/mL, 1:50-200 Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.