

Catalog	Unit
TBS10325-0.5MG	0.5 mg
TBS10325-1MG	1 mg
TBS10325-5MG	5 mg

Description

InVivoMAb Anti-Human C-X-C motif chemokine ligand 12 (CXCL12) antibody is a highly specific human IgG monoclonal antibody targeting CXCL12 α , β , and γ . It effectively blocks the interaction of CXCL12 with its receptors CXC chemokine receptor 4 (CXCR4) and CXC chemokine receptor 7 (CXCR7), inhibiting CXCL12-driven cell migration. In vivo studies have shown that this antibody significantly reduces tumor growth and metastasis, alleviates disease severity in mouse collagen-induced arthritis (CIA) models, and decreases laser-induced choroidal neovascularization by approximately 50%.

Synonyms

Stromal Cell-Derived Factor 1 antibody, Anti-Human SDF-1 antibody, Anti-Human C-X-C motif chemokine ligand 12 antibody

Product Details

Applications:	ELISA, Neutralization
Species reactivity:	Human
Host:	Human
Isotype:	IgG1, kappa
Target:	Intercrine reduced in hepatomas, hSDF-1, Stromal cell-derived factor 1, SDF-1, Pre-B cell growth-stimulating factor, SDF1, SDF1A, C-X-C motif chemokine 12, SDF1B, CXCL12, IRH, PBSF, hIRH.
Uniprot:	P48061
Concentration:	3 mg/ml
Purity:	>95%
Formulation:	Liquid
Storage buffer:	0.01M PBS, pH 7.4.
Purification:	Protein A/G purified from cell culture supernatant.
Clonality:	Monoclonal
Storage:	Store -20°C up to 12 months, and -80°C for long term. Avoid repeated freeze-thaw cycles.

Data Image

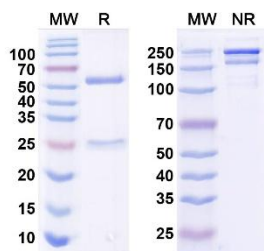


Fig. 1. SDS-PAGE analysis of Anti-Human CXCL12 antibody

MW: Molecular Weight (kDa) Marker

R: Reducing conditions

NR: Non-Reducing conditions

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