

Datasheet for ABIN520103

anti-CXCL12 antibody (AA 1-89)



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1 Image

Overview

Quantity:	100 µg
Target:	CXCL12
Binding Specificity:	AA 1-89
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CXCL12 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant CXCL12.
Immunogen:	CXCL12 (AAH39893.1, 1 a.a. ~ 89 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MNAKVVVVLV LVTALCLSD GKPVSLSYRC PCRFFESHVA RANVKHLKIL NTPNCALQIV ARLKNNNRQV CIDPKLKWIQ EYLEKALNK
Clone:	2A1
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	CXCL12
Alternative Name:	CXCL12 (CXCL12 Products)
Background:	Full Gene Name: chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1) Synonyms: PBSF,SCYB12,SDF-1a,SDF-1b,SDF1,SDF1A,SDF1B,TLSF-a,TLSF-b,TPAR1
Gene ID:	6387
Pathways:	Regulation of Cell Size, CXCR4-mediated Signaling Events, Negative Regulation of intrinsic apoptotic Signaling

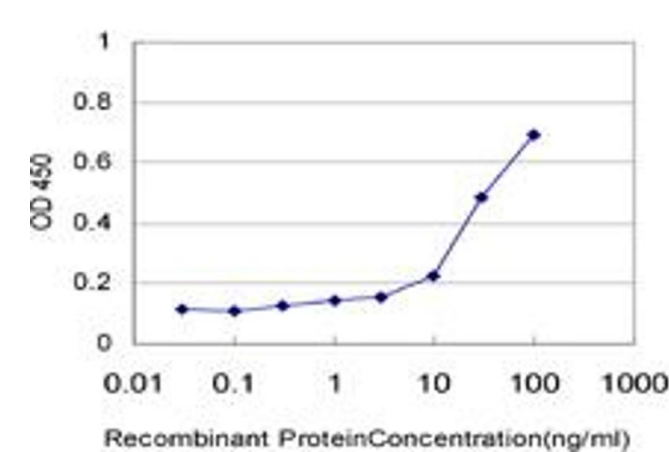
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. Detection limit for recombinant GST tagged CXCL12 is approximately 10ng/ml as a capture antibody.