Datasheet for ABIN6242725

anti-CX3CL1 antibody (AA 272-306)

2 Images

Go to Product page

Overview

Quantity:	50 µL
Target:	CX3CL1
Binding Specificity:	AA 272-306
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CX3CL1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This CX3CL1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 272-306 amino acids from the Central region of human CX3CL1.
Clone:	RB56920
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CX3CL1
Alternative Name:	CX3CL1 (CX3CL1 Products)
Background:	The soluble form is chemotactic for T-cells and monocytes, but not for neutrophils. The

Target Details

	membrane-bound form promotes adhesion of those leukocytes to endothelial cells. May play a role in regulating leukocyte adhesion and migration processes at the endothelium. Binds to CX3CR1.
Molecular Weight:	42203
UniProt:	P78423
Pathways:	Synaptic Membrane

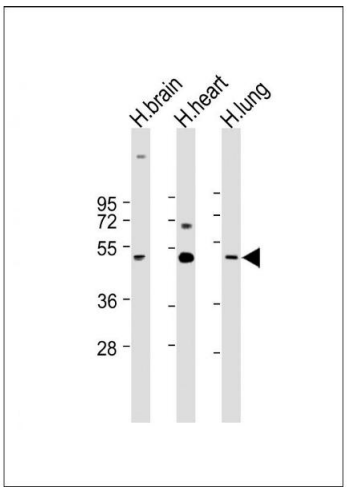
Application Details

Application Notes:	WB: 1:1000-1:2000. FC: 1:25
Restrictions:	For Research Use only

Handling

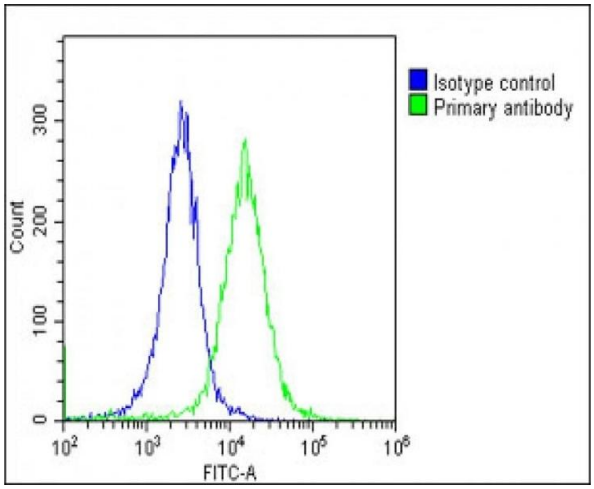
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Images



Western Blotting

Image 1. All lanes : Anti-CX3CL1 Antibody (Center) at 1:1000-1:2000 dilution Lane 1: Human brain lysate Lane 2: Human heart lysate Lane 3: Human lung lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 42 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Flow Cytometry

Image 2. Overlay histogram showing HeLa cells stained with (green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then icubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (, 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OE188374) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 µ g/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.