

Datasheet for ABIN7193912 **anti-CXCR6 antibody**

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Overview

Quantity:	100 µL
Target:	CXCR6
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CXCR6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	CD186 Antibody
Immunogen:	Purified recombinant fragment of human CD186 expressed in E. Coli.
Clone:	2A4D10
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	CXCR6
Alternative Name:	CD186 (CXCR6 Products)
Background:	Description: The protein encoded by this gene is a G protein-coupled receptor with seven transmembrane

Target Details

domains that belongs to the CXC chemokine receptor family. This family also includes CXCR1, CXCR2, CXCR3, CXCR4, CXCR5, and CXCR7. This gene, which maps to the chemokine receptor gene cluster, is expressed in several T lymphocyte subsets and bone marrow stromal cells. The encoded protein and its exclusive ligand, chemokine ligand 16 (CCL16), are part of a signalling pathway that regulates T lymphocyte migration to various peripheral tissues (the liver, spleen red pulp, intestine, lungs, and skin) and promotes cell-cell interaction with dendritic cells and fibroblastic reticular cells. CXCR6/CCL16 also controls the localization of resident memory T lymphocytes to different compartments of the lung and maintains airway resident memory T lymphocytes, which are an important first line of defense against respiratory pathogens. The encoded protein serves as an entry coreceptor used by HIV-1 and SIV to enter target cells, in conjunction with CD4.

Aliases: CXCR6, BONZO, CDw186, STRL33, TYMSTR

Molecular Weight: 39.3kDa

Gene ID: 10663

UniProt: [O00574](#)

Application Details

Application Notes: ELISA: 1/10000
FCM: 1/200 - 1/400

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified antibody in PBS with 0.05 % 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

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.