

Recombinant

DGRmAb®

CXCR6 (DGR36078) Rabbit mAb

db16313

Package : 10µL 20µL 50µL 100µL

Product Name : CXCR6 (DGR36078) Rabbit mAb**Cat.No.:** db16313**Synonyms :** BONZO; CD186; CDw186; STRL33; TYMSTR**Application :** WB**Reactivity :** Human**Host species :** Rabbit**Background**

The protein encoded by this gene is a G protein-coupled receptor with seven transmembrane 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. [provided by RefSeq, Aug 2020]

Immunogen

A synthetic peptide of Human CXCR6

Gene ID

10663

Swiss Prot

O00574

Synonyms

BONZO; CD186; CDw186; STRL33; TYMSTR

Reactivity

Human

Application

WB

Recommended dilution

WB: 1:1000-1:5000

Calculated MW

39 kDa

Observed MW

39 kDa

Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR36078
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.