

PRODUCT INFORMATION

Clone ID 2B3 CXCR6 **Target**

Synonyms BONZO; CD186; CDw186; STRL33; TYMSTR

Host Species Rabbit

Description Anti-CXCR6 antibody(2B3), IgG1 Chimeric mAb

Delivery In Stock **Uniprot ID** 000574

IgG type Rabbit/Human Fc chimeric IgG1

Clonality Monoclonal Reactivity Human **Applications ELISA**

Recommended

Background

ELISA 1/5000-10000 **Dilutions**

Purified from cell culture supernatant by affinity **Purification**

chromatography

Formulation & Powder Reconstitution

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not Storage & Shipping

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). 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

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Usage Research use only

Conjugate Unconjugated

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Anti-CXCR6 antibody(2B3), IgG1 Chimeric mAb ELISA 0.1µg of Human CXCR6, hFc tagged protein per well

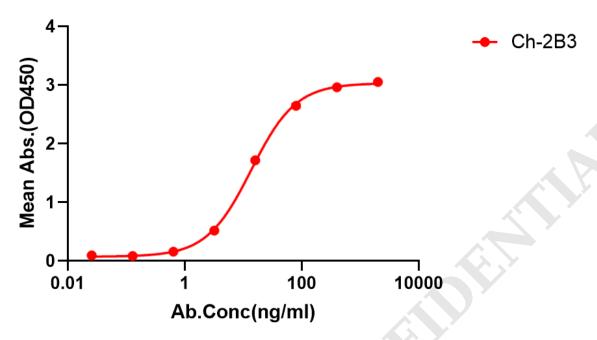


Figure 1. ELISA plate pre-coated by 1 μ g/ml (100 μ l/well) Human CXCR6 Protein, hFc Tag can bind IgG1 Chimeric anti-CXCR6 monoclonal antibody(clone: 2B3) in a linear range of 3.2-80 ng/ml.

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