

PRODUCT INFORMATION

Warning . Undefined variable \$hasAttributeValueDescription in Calwawroottmirror.dimablo.com/wp-content\plugins/woocommerce-print-products/public/class-woocommerce-print-products-public.php on line 2806 CFlag Tag

CD182; CDw128b; CMKAR2; IL8R2; IL8RA; IL8RB Human CXCR2 full length protein-synthetic nanodisc

Delivery Uniprot ID P25025 HEK293 **Expression Host**

Protein Families Druggable Genome, GPCR, Transmembrane

Protein Pathways Chemokine signaling pathway, Cytokine-cytokine receptor interaction, Endocytosis, Epithelial cell signaling in Helicobacter pylori infection

Molecular Weigh The human full length CXCR2 protein has a MW of 40.8 kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCI, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. Formulation & Reconstitution

Storage & Shipping

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in Joynbilized form. After econstitution, it not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. The protein is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (ILB), It binds to ILB with high affinity, and transduces the signal through a G-protein activated second messenger system. This receptor also binds to chemokine (C-X-C motif) ligand 1 (CXCLIMGSA), a protein with melanoma growth stimulating activity, and has been shown to be a major component equired for serun-dependent melanoma cell growth. This receptor mediates neutrophil migration to sites of inflammation. The angiogenic effects of ILB in interval activity and the second control of the postioning of interval and the properties of the second control of the postioning of other properties. The properties of ILBR is a pseudogene of ILBR is of yearselying them ingration. This gene, ILBRA, a gene encoding another high affinity ILB receptor, as well as ILBRP, a pseudogene of ILBRB, form a gene cluster in a region mapped to chromosome 2435-436.

Coniugate Unconjugated

ELISA assay to evaluate CXCR2-Nanodisc 0.2µg Human CXCR2-Nanodisc per well

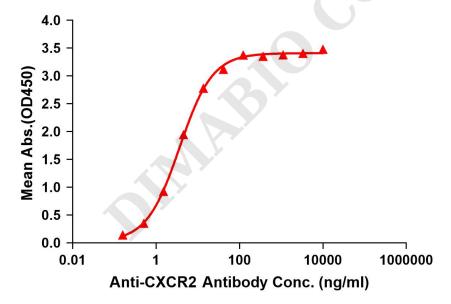


Figure 1. Elisa plates were pre-coated with Flag Tag CXCR2-Nanodisc ($0.2\mu g/per$ well). Serial diluted anti-CXCR2 monoclonal antibody (DMC100681) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-CXCR2 monoclonal antibody binding with CXCR2-Nanodisc is 3.677ng/ml.

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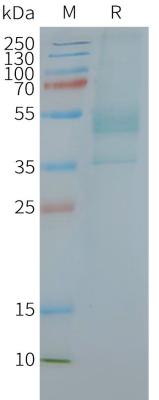


Figure 2. Human CXCR2-Nanodisc, Flag Tag on SDS-PAGE



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