

PRODUCT INFORMATION

Target CD200

CD200;MOX1;MOX2;MRC;OX-2;My033 **Synonyms**

Recombinant human CD200 protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** P41217 **Expression Host HEK293** Tag C-6×His Tag

Molecular

Background

CD200(Gln31-Gly232) 6×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 23.3 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

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

Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a type I membrane glycoprotein containing two extracellular

immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by

various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity. Alternative splicing results in multiple transcript variants encoding different isoforms.

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Usage Research use only

Conjugate Unconjugated







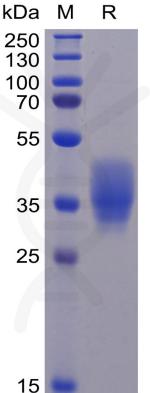


Figure 1. Human CD200 Protein, His Tag on SDS-PAGE under reducing condition.

Human CD200, His Tagged protein ELISA

 $0.2~\mu g$ of Human CD200, His tagged protein per well

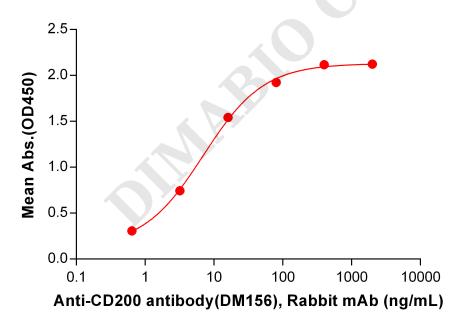


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human CD200 Protein, His Tag (PME100466) can bind Anti-CD200 antibody(DM156), Rabbit mAb in a linear range of 0.64–3.20 ng/mL.

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