DIMA BIOTECH

PRODUCT INFORMATION

Target	CD200
Synonyms	CD200;MOX1;MOX2;MRC;OX-2;My033
Description	Recombinant human CD200 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P41217
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	CD200(Gln31-Gly232) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 23.3 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	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). Lyophilized proteins are shipped at ambient temperature.
Background	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.
Usage	Research use only
Conjugate	Unconjugated

Human CD200 Protein, His Tag
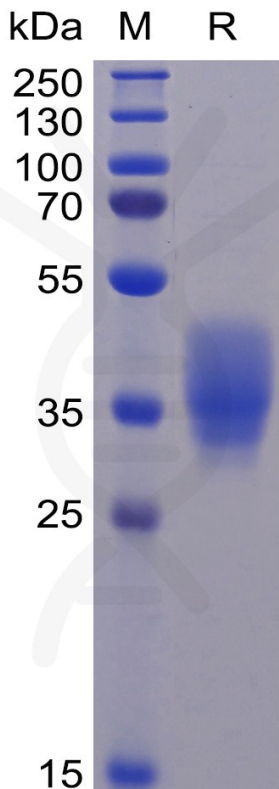
Cat. No. PME100466

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

Human CD200, His Tagged protein ELISA

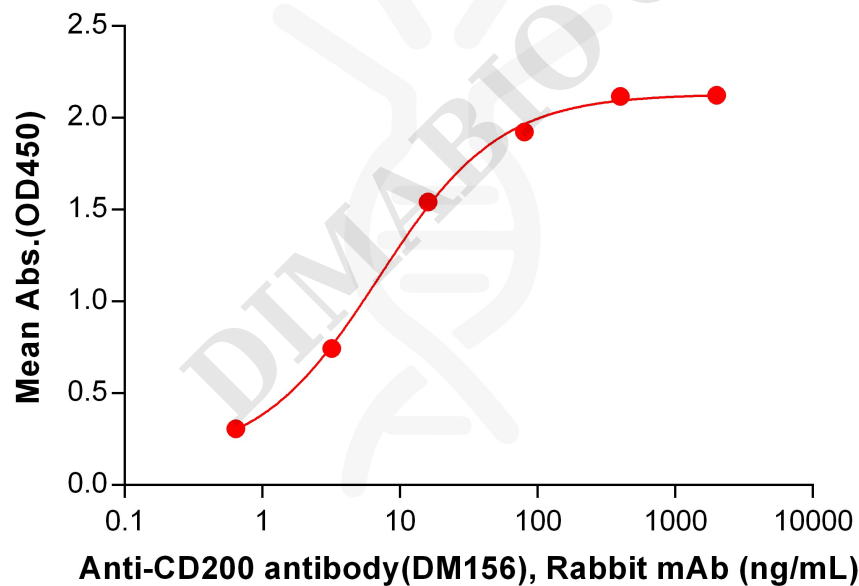0.2 μg of Human CD200, His tagged protein per well

Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/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.