

## Product Information

### MemDX™ Membrane Protein Human CD200 (CD200 molecule expressed in *in vitro* wheat germ expression system) for Antibody Discovery

Cat. No.: **MP0184X**

This product is for research use only and is not intended for diagnostic use.

This product is a 30.3 kDa Human CD200 membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

#### Product Specifications

##### Host Species

Human

##### Target Protein

CD200

##### Protein Length

Full-length

##### Molecular Weight

30.3 kDa

##### TMD

1

##### Sequence

MERLVIRMPFCHLSTYSLVWVMAAVVLCTAQVQVVTQDEREQLYTPASLKCSLQNAQEALIVTWQKKKAVSPENMVTFSENHGVV

#### Product Description

##### Application

Antibody Production

##### Expression Systems

*in vitro* wheat germ expression system

##### Tag

NO

##### Protein Format

Liposome

##### Form

Liquid

**Purification**

None

**Buffer**

25 mM Tris-HCl of pH8.0 containing 2% glycerol

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target****Target Protein**

CD200

**Full Name**

CD200 molecule

**Introduction**

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

**Alternative Names**

MOX1; MOX2; MRC; OX-2; CD200 antigen; MRC OX-2 antigen; OX-2 membrane glycoprotein; antigen identified by monoclonal antibody MRC OX-2

**Gene ID**

[4345](#)

**UniProt ID**

[P41217](#)