

**Anti-OX2R / CD200R1 Reference Antibody (Janssen patent anti-CD200R1)
Recombinant Antibody
Catalog # APR10086****Specification**

Anti-OX2R / CD200R1 Reference Antibody (Janssen patent anti-CD200R1) - Product Information

Application	FC, E, FTA
Primary Accession	Q8TD46
Reactivity	Cynomolgus, Human, Mouse
Clonality	Monoclonal
Isotype	IgG4
Calculated MW	146.58 KDa

Anti-OX2R / CD200R1 Reference Antibody (Janssen patent anti-CD200R1) - Additional Information**Target/Specificity**

OX2R / CD200R1

Endotoxin

< 0.001EU/ µg,determined by LAL method.

Conjugation

Unconjugated

Expression system

CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Anti-OX2R / CD200R1 Reference Antibody (Janssen patent anti-CD200R1) - Protein Information**Name** CD200R1**Synonyms** CD200R, CRTR2, MOX2R, OX2R**Function**

Inhibitory receptor for the CD200/OX2 cell surface glycoprotein. Limits inflammation by inhibiting the expression of pro- inflammatory molecules including TNF-alpha, interferons, and inducible nitric oxide synthase (iNOS) in response to selected stimuli. Also binds to HHV-8 K14 viral CD200 homolog with identical affinity and kinetics as the host CD200.

Cellular Location

[Isoform 1]: Cell membrane; Single-pass type I membrane protein [Isoform 2]: Secreted.

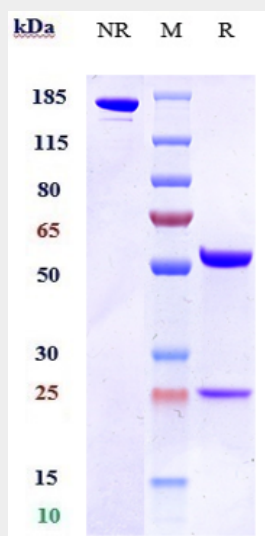
Tissue Location

Expressed in granulocytes, monocytes, most T-cells, neutrophils, basophils and a subset of NK, NKT and B-cells (at protein level). Expressed in bone marrow, lymph nodes, spleen, lung, liver, spinal cord, kidney. Expressed in monocyte-derived dendritic and mast cells.

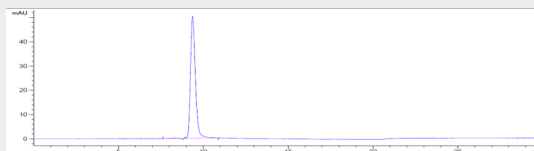
Anti-OX2R / CD200R1 Reference Antibody (Janssen patent anti-CD200R1) - Protocols

Provided below are standard protocols that you may find useful for product applications.

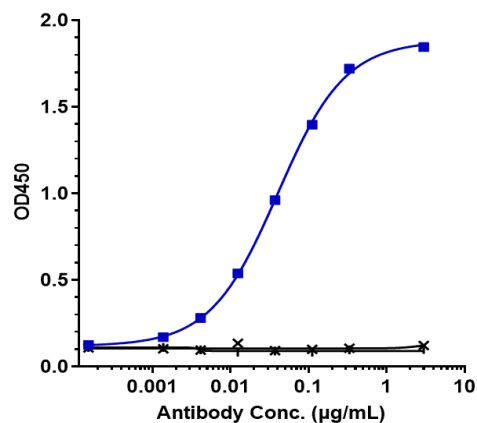
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-OX2R / CD200R1 Reference Antibody (Janssen patent anti-CD200R1) - Images

Anti-OX2R / CD200R1 Reference Antibody (Janssen patent anti-CD200R1) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-OX2R / CD200R1 Reference Antibody (Janssen patent anti-CD200R1) is more than 99.29%, determined by SEC-HPLC.



Immobilized human CD200R His at 2 µg/mL can bind Anti-OX2R / CD200R1 Reference Antibody (Janssen patent anti-CD200R1) $EC_{50}=0.04025$ µg/mL