

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

**Specification**

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

Application	FC, E, FTA
Primary Accession	<a href="#">Q8TD46</a>
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

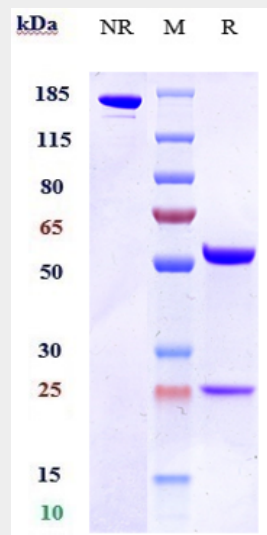
Expressed in granulocytes, monocytes, most T-cells, neutrophils, basophils and a subset of NK, NKT and B-cells (at protein level). Expressed in bone marrow, lymph nodes, spleen, lung, liver, spinal cord, kidney. Expressed in monocyte-derived dendritic and mast cells.

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

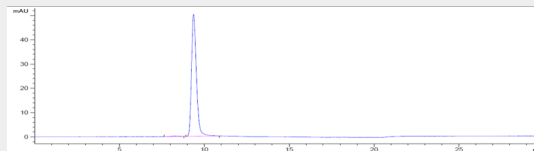
Provided below are standard protocols that you may find useful for product applications.

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

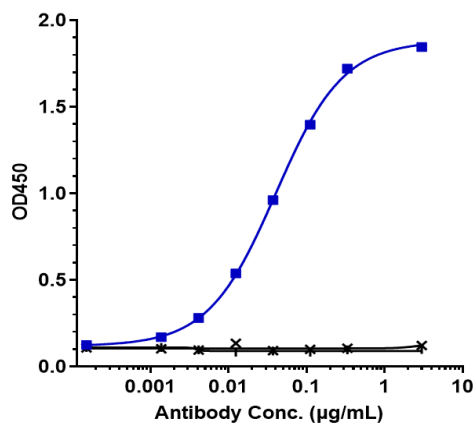
### Anti-OX2R / CD200R1 Reference Antibody (Janssen patent anti-CD200R1) - Images



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) □EC50=0.04025 µg/mL