10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

Recombinant Antibody
Catalog # APR10086

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q8TD46
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4SP
Calculated MW	39041

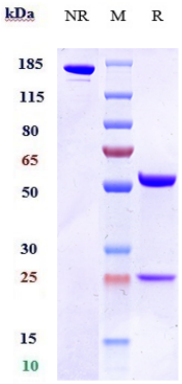
Additional Information

Target/Specificity	OX2R / CD200R1
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

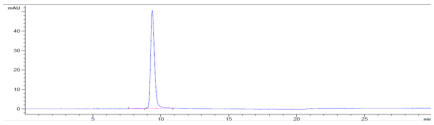
Protein Information

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, 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.

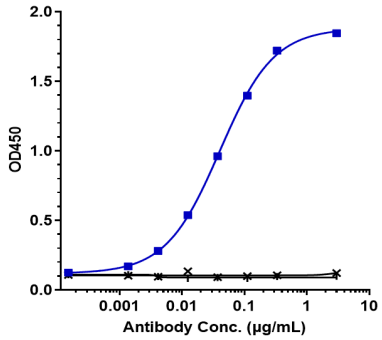
Images



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



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



Immobilized human CD200R His at 2 ug/mL can bind Anti-OX2R / CD200R1 Reference Antibody (Janssen patent anti-CD200R1), EC50=0.04025 ug/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.