

Anti-CD200R Reference Antibody (Ucenprubart)

Catalog # APR11274

Product Information

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

Additional Information

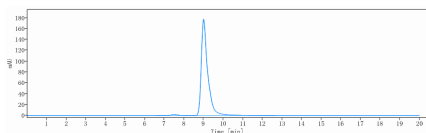
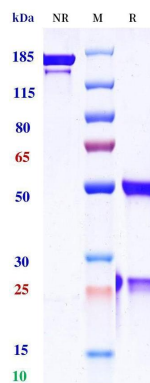
Target/Specificity	CD200R
Expression system	CHO

Protein Information

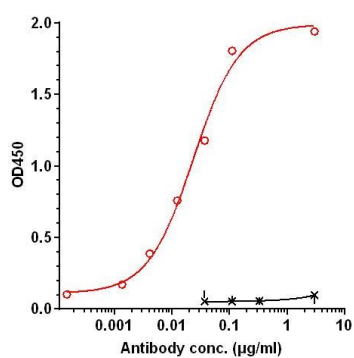
Name	CD200R1
Synonyms	CD200R, CRTR2, MOX2R, OX2R
Function	Inhibitory receptor for the CD200/OX2 cell surface glycoprotein. Limits inflammation by inhibiting the expression of pro- inflammatory molecules including TNF, interferons, and inducible nitric oxide synthase (iNOS) in response to selected stimuli. 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-CD200R Reference Antibody (Ucenprubart) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-CD200R Reference Antibody (Ucenprubart) is 98.7%, determined by SEC-HPLC.



Immobilized huCD200R1-i4-Alt-ECD-his-CHO-K1S at 2 µg/mL can bind Ucenprubart, EC₅₀= 0.02363 µg/mL.

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