

CD200R1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP16040b

Specification

CD200R1 Antibody (C-term) - Product Information

Application WB,E
Primary Accession Other Accession A5D7V5,

NP_620386.1, NP_620385.1

Reactivity
Predicted
Host
Clonality
Isotype
Calculated MW
Antigen Region

Human
Bovine
Rabbit
Polyclonal
Rabbit Ig
36620
275-303

CD200R1 Antibody (C-term) - Additional Information

Gene ID 131450

Other Names

Cell surface glycoprotein CD200 receptor 1, CD200 cell surface glycoprotein receptor, Cell surface glycoprotein OX2 receptor 1, CD200R1, CD200R, CRTR2, MOX2R, OX2R

Target/Specificity

This CD200R1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 275-303 amino acids from the C-terminal region of human CD200R1.

Dilution

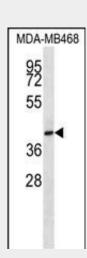
WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw



CD200R1 Antibody (C-term) (Cat. #AP16040b) western blot analysis in MDA-MB468 cell line lysates (35ug/lane). This demonstrates the CD200R1 antibody detected the CD200R1 protein (arrow).

CD200R1 Antibody (C-term) - Background

This gene encodes a receptor for the OX-2 membrane

glycoprotein. Both the receptor and substrate are cell surface

glycoproteins containing two

immunoglobulin-like domains. This

receptor is restricted to the surfaces of myeloid lineage cells and

the receptor-substrate interaction may

function as a myeloid

downregulatory signal. Mouse studies of a

related gene suggest that

this interaction may control myeloid function in a tissue-specific

manner. Alternative splicing of this gene results in multiple transcript variants.

CD200R1 Antibody (C-term) - References

Luo, X.G., et al. Neurochem. Res. 35(4):540-547(2010) Mihrshahi, R., et al. J. Immunol.





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cycles.

Precautions

CD200R1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CD200R1 Antibody (C-term) - 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 proinflammatory 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.

CD200R1 Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

183(8):4879-4886(2009) Koning, N., et al. J. Neuropathol. Exp. Neurol. 68(2):159-167(2009) Meuth, S.G., et al. J. Neuroimmunol. 194 (1-2), 62-69 (2008):

Wang, X.J., et al. J Neuroimmune Pharmacol

2(3):259-264(2007)