

Rabbit anti-Human CD200 Monoclonal Antibody | anti-CD200 antibody

Recombinant Anti-CD200 Antibody, Rabbit Monoclonal

CATALOG # AAA255239	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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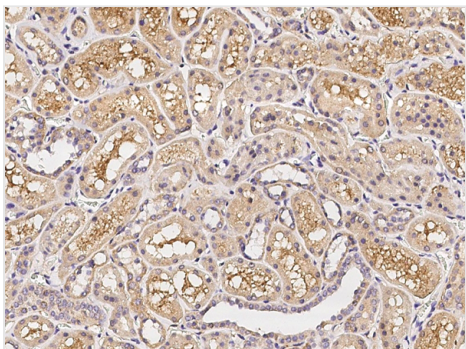
PRODUCT SYNONYMS

CD200; Monoclonal Antibody; Recombinant Anti-CD200 Antibody; Rabbit Monoclonal; CD200 Antibody; Rabbit MAb; Cd200 molecule; Anti-MOX1 Antibody; Anti-MOX2 Antibody; Anti-MRC Antibody; Anti-OX-2 Antibody; Anti-OX2 Antibody; anti-CD200 antibody

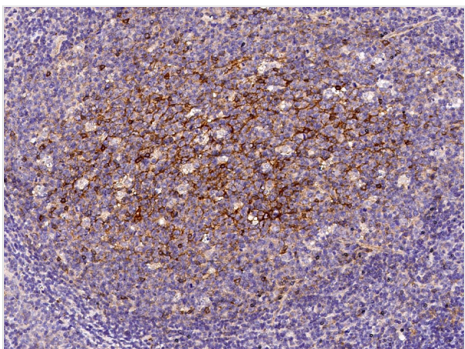
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	333
Specificity	Human CD200. Has cross-reactivity in ELISA with Mouse CD200 Has cross-reactivity in ELISA with Mouse CD200
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CD200 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Human CD200 protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human CD200 (rh CD200).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunochemical staining of human CD200 in human kidney with rabbit monoclonal antibody (1:100, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of human CD200 in human tonsil with rabbit monoclonal antibody (1:100, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-CD200 antibody	CD200 (OX-2) is a cell surface glycoprotein that imparts immune privileges by suppressing alloimmune and autoimmune responses through its receptor, CD200R, expressed primarily on myeloid cells. Signals delivered through the CD200:CD200R axis have been shown to play an important role in the regulation of anti-tumor immunity, and overexpression of CD200 has been reported in a number of malignancies, including CLL, as well as on cancer stem cells. The role of CD200-CD200R signaling in immune regulation of the central nervous system has become a popular field of research in recent years. Many studies have shown that there is a close correlation between CD200-CD200R, microglia activation, and Parkinson's disease (PD). The ability of CD200 to suppress myeloid cell activation is critical for maintaining normal tissue homeostasis but may also enhance the survival of migratory neoplastic cells. CD200 and CD200R associate via their respective N-terminal Ig-like domains. CD200 has been characterized as an important immunoregulatory molecule, increased expression of which can lead to decreased transplant rejection, autoimmunity, and allergic disease. Elevated CD200 expression has been reported to be associated with poor prognosis in some human malignancies. Besides, CD200 also plays an important role in prevention of graft rejection, autoimmune diseases and spontaneous abortion.
Product Categories/Family for anti-CD200 antibody	Neuroinflammation Cancer Drug Targets
References	Minas K, et al. (2006) Is the CD200/CD200 receptor interaction more than just a myeloid cell inhibitory signal? Crit Rev Immunol. 26(3): 213-30. Wang XJ, et al. (2007) CD200-CD200R regulation of microglia activation in the pathogenesis of Parkinson's disease. J Neuroimmune Pharmacol. 2(3): 259-64. Wong KK, et al. (2010) The role of CD200 in immunity to B cell lymphoma. J Leukoc Biol. 88(2): 361-72.

NCBI AND UNIPROT INFORMATION

NCBI GI #	90903247
NCBI GeneID	4345
NCBI Accession #	NP_005935.4
NCBI GenBank Nucleotide #	NM_005944.5
UniProt Accession #	P41217; Q6J2Q6; Q6PIQ4; Q8TB85; Q9H3J3; B3KQI1; B4DLW9; D3DN65
NCBI Official Full Name	OX-2 membrane glycoprotein isoform a
NCBI Official Synonym Full Names	CD200 molecule
NCBI Official Symbol	CD200
NCBI Official Synonym Symbols	MRC; MOX1; MOX2; OX-2
NCBI Protein Information	OX-2 membrane glycoprotein; CD200 antigen; MRC OX-2 antigen; OTTHUMP00000214500; OTTHUMP00000214501; OTTHUMP00000214502; antigen identified by monoclonal antibody MRC OX-2

UniProt Protein Name	OX-2 membrane glycoprotein
UniProt Gene Name	CD200
UniProt Synonym Gene Names	MOX1; MOX2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd200-antibody-clone-333-immunohistochemistry-elisa/255239>