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Mouse CD200 Rat mAb

Catalog # AP99167

Product Information

Application	IHC-P, IHC-F
Reactivity	Mouse
Host	Rat
Clonality	Monoclonal
Calculated MW	31 KDa
Physical State	Liquid
Immunogen	Soluble fusion protein of the extracellular region of mouse OX-2 antigen with domains 3 and 4 of rat CD4 fusion protein.
Isotype	Rat IgG2a, κ
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 Ig-like C2-type (immunoglobulin-like) domain.Contains 1 Ig-like V-type (immunoglobulin-like) domain.
SUBUNIT	Interacts with CD200R1.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016]

Additional Information

Other Names	MOX1; MOX2; MRC; OX-2; OX2G_HUMAN; CD200; CD200 molecule; antigen identified by monoclonal antibody MRC OX-2; CD200 antigen; OX2G_Mouse
Dilution	IHC-P~~N/A IHC-F~~N/A
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	Mouse CD200 Rat mAb
Function	Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues.

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