

## Monoclonal Antibody to CD200R - PE

<b>Alternate names:</b>	CD200 Receptor 1, CD200 cell surface glycoprotein receptor, CD200R1, CRTR2, Cell surface glycoprotein CD200 receptor 1, Cell surface glycoprotein OX2 receptor 1, MOX2R, OX2R
<b>Catalog No.:</b>	AM01069RP-T
<b>Quantity:</b>	25 Tests
<b>Concentration:</b>	0.1 mg/ml
<b>Background:</b>	A cell surface glycoprotein (also known as OX2R). In humans and mice CD200R is expressed primarily by peripheral blood monocytes and neutrophils but also by other leukocytes including T lymphocytes and mast cells. Studies suggest that CD200-CD200R interaction may be involved in the control of myeloid cellular function. Levels of expression on resting peripheral blood cells are relatively low. CD200R interacts with Human herpesvirus 8 (HHV8 or KSV) vOX2 protein.
<b>Uniprot ID:</b>	<a href="#">Q8TD46</a>
<b>NCBI:</b>	<a href="#">NP_620161.1</a>
<b>GeneID:</b>	<a href="#">131450</a>
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	OX108
<b>Immunogen:</b>	Fusion protein hCD200RCD4d3+4
<b>Format:</b>	<b>State:</b> Lyophilized purified IgG <b>Purification:</b> Affinity chromatography on Protein G <b>Buffer System:</b> Phosphate buffered saline pH7.4 containing 0.09% Sodium Azide, 1% Bovine Serum Albumin <b>Label:</b> PE – R. Phycoerythrin (RPE) <b>Reconstitution:</b> Reconstitute in 0.25 ml distilled water
<b>Applications:</b>	Flow Cytometry: 1/10; use 10µl of the suggested working dilution to label 10e6 cells in 100µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises CD200R, a cell surface glycoprotein (also known as OX2R). In humans CD200R is expressed primarily by peripheral blood monocytes and neutrophils but also by other leucocytes including T-lymphocytes and mast cells (1) . Studies suggest that CD200-CD200R interaction may be involved in the control of myeloid cellular function. <b>Species:</b> Human. Other species not tested.

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- Storage:** Prior to and following reconstitution store the antibody at 2-8°C.  
DO NOT FREEZE!  
This product is photosensitive and should be protected from light.  
Shelf life: one year from despatch.
- Caution:** (A full Health and Safety assessment is available upon request) This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
- General Readings:** 1. Wright GJ, Cherwinski H, Foster-Cuevas M, Brooke G, Puklavec MJ, Bigler M, et al. Characterization of the CD200 receptor family in mice and humans and their interactions with CD200. J Immunol. 2003 Sep 15;171(6):3034-46. PubMed PMID: 12960329.

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