

Monoclonal Antibody to CD200R - PE

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| Alternate names: | CD200 Receptor 1, CD200 cell surface glycoprotein receptor, CD200R1, CRTR2, Cell surface glycoprotein CD200 receptor 1, Cell surface glycoprotein OX2 receptor 1, MOX2R, OX2R |
| Catalog No.: | AM01069RP-N |
| Quantity: | 100 Tests |
| Concentration: | 0.1 mg/ml |
| Background: | In humans CD200R is expressed primarily by peripheral blood monocytes and neutrophils but also by other leucocytes including T-lymphocytes and mast cells. Studies suggest that CD200-CD200R interaction may be involved in the control of myeloid cellular function. |
| Uniprot ID: | Q8TD46 |
| NCBI: | NP_620161.1 |
| GeneID: | 131450 |
| Host / Isotype: | Mouse / IgG1 |
| Clone: | OX108 |
| Immunogen: | Fusion protein hCD200RCD4d3+4. |
| Format: | State: Lyophilized purified Ig Purification: Affinity chromatography on Protein G Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: PE – R. Phycoerythrin (RPE) Reconstitution: Restore with 1.0 ml distilled water. |
| Applications: | Flow cytometry (Neat - 1/10): use 10 µl of the suggested working dilution to label 10e6 cells in 100 µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | This antibody recognises human CD200R, a cell surface glycoprotein (also known as OX2R). Species: Human. Other species not tested. |
| Storage: | Store the antibody undiluted at 2-8°C. DO NOT FREEZE. This product is photosensitive and should be protected from light. Shelf life: one year from despatch. |
| 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. |

Pictures:

Staining of human peripheral blood lymphocytes probed with MOUSE ANTI HUMAN CD200R.

