

ARG22977 anti-CD200 antibody [OX-90] (PE)

Package: 100 tests
Store at: 4°C

Summary

| | |
|---------------------|---|
| Product Description | PE-conjugated Rat Monoclonal antibody [OX-90] recognizes CD200 Rat anti Mouse CD200 antibody, clone OX-90 recognizes the mouse CD200 cell surface antigen, also known as OX2. CD200 is expressed by splenic B lymphocytes, follicular dendritic cells, splenic endothelium and by neurons. Studies have suggested that the CD200 - CD200 ligand system is of importance in the control of macrophage and granulocyte activation. |
| Tested Reactivity | Ms |
| Tested Application | FACS |
| Host | Rat |
| Clonality | Monoclonal |
| Clone | OX-90 |
| Isotype | IgG2a |
| Target Name | CD200 |
| Species | Mouse |
| Immunogen | Mouse CD200-rat CD4 fusion protein. |
| Conjugation | PE |
| Alternate Names | OX-2; OX-2 membrane glycoprotein; MOX1; MOX2; CD antigen CD200; MRC |

Application Instructions

| Application table | Application | Dilution |
|-------------------|-------------|-----------------|
| | FACS | Assay-dependent |

Application Note
FACS: Use 10 µl of the suggested working dilution to label 10⁶ cells in 100 µl.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

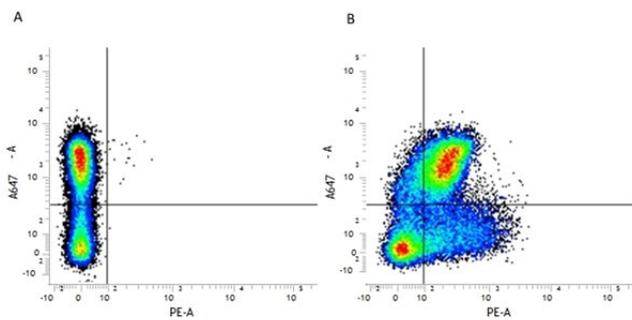
Properties

| | |
|---------------------|--|
| Form | Liquid |
| Purification | Purification with Protein G. |
| Buffer | PBS, 0.09% Sodium azide, 1% BSA and 5% Sucrose |
| Preservative | 0.09% Sodium azide |
| Stabilizer | 1% BSA and 5% Sucrose |
| Storage instruction | Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

| | |
|----------------|---|
| Gene Symbol | Cd200 |
| Gene Full Name | CD200 antigen |
| Background | The protein encoded by this gene is a type-1 membrane glycoprotein, which contains two immunoglobulin domains, and thus belongs to the immunoglobulin superfamily. Studies of the related genes in mouse and rat suggest that this gene may regulate myeloid cell activity and delivers an inhibitory signal for the macrophage lineage in diverse tissues. Multiple alternatively spliced transcript variants that encode different isoforms have been found for this gene. [provided by RefSeq, Jul 2008] |
| Function | Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues. [UniProt] |
| Calculated Mw | 31 kDa |

Images



ARG22977 anti-CD200 antibody [OX-90] (PE) FACS image

Flow Cytometry: Figure A. Alexa Fluor647 conjugated Rat anti Mouse CD22 and PE-conjugated Rat IgG2b isotype control. Figure B. Alexa Fluor647 conjugated Rat anti Mouse CD22 and ARG22977 anti-CD200 antibody [OX-90] (PE). All experiments performed on murine bone marrow.