

## ARG22844 anti-CD200 antibody [OX-104] (PE)

Package: 50 tests

Store at: 4°C

### Summary

|                     |   |
|---------------------|---|
| Product Description | PE-conjugated Mouse Monoclonal antibody [OX-104] recognizes CD200<br>Mouse anti Human CD200 antibody, clone OX-104 recognizes the human CD200 cell surface antigen, also known as OX2.CD200 is expressed by a subset of B lymphocytes, some endothelial cells 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   | Hu  |
| Tested Application  | FACS  |
| Host                | Mouse   |
| Clonality           | Monoclonal  |
| Clone               | OX-104  |
| Isotype             | IgG1  |
| Target Name         | CD200   |
| Species             | Human   |
| Conjugation         | PE  |
| Alternate Names     | OX-2; OX-2 membrane glycoprotein; MOX1; MOX2; CD antigen CD200; MRC   |

### Application Instructions

| Application table | Application | Dilution   |
|-------------------|-------------|------------|
|                   | FACS        | Neat - 1:5 |

**Application Note** FACS: Use 10 µl of the suggested working dilution to label 10<sup>6</sup> 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

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|                |   |
|----------------|---|
| Gene Symbol    | CD200   |
| Gene Full Name | CD200 molecule  |
| 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  |