

## Mouse CD45RA Monoclonal Antibody | anti-CD45RA antibody

MOUSE ANTI RAT CD45RA:FITC

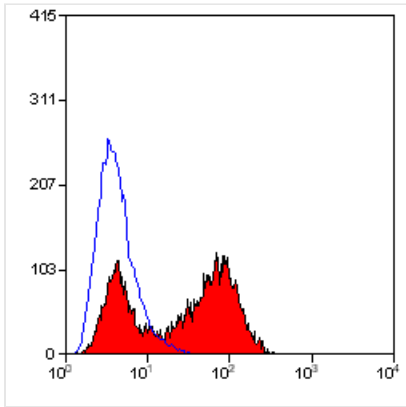
|                              |                      |                                                         |
|------------------------------|----------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA49687</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>Flow Cytometry, Functional Assay</b> |
|------------------------------|----------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

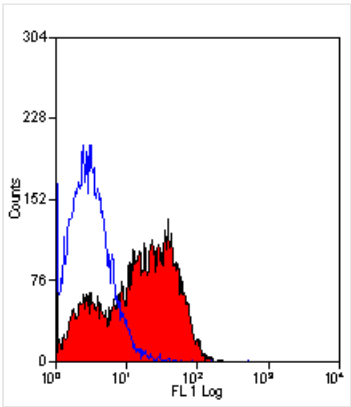
CD45RA; Monoclonal Antibody; MOUSE ANTI RAT CD45RA:FITC; anti-CD45RA antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Clonality                                        | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Isotype                                          | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Clone Number                                     | OX-33                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Form/Format                                      | FITC<br>Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid                                                                                                                                                                                                                                                                                                                                            |
| Concentration                                    | IgG concentration 0.1 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence Length                                  | 1,183                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Applicable Applications for anti-CD45RA antibody | FCM/FACS (Flow Cytometry)                                                                                                                                                                                                                                                                                                                                                                                                         |
| Perservative Stabilisers                         | 0.09% Sodium Azide<br>1% Bovine Serum Albumin<br>Preparation                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen                                        | Purified Rat spleen L-CA<br>Fusion Partners                                                                                                                                                                                                                                                                                                                                                                                       |
| Target Species                                   | Rat                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Preparation and Storage                          | Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.<br>Shelf Life: 18 months from date of despatch. |



Application Data  
Staining of rat spleen cells with Mouse anti Rat CD45RA:Alexa Fluor 488



Application Data  
Staining of rat spleen cells with Mouse anti Rat CD45RA: FITC

ADDITIONAL INFORMATION

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|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD45RA antibody | Mouse anti Rat CD45RA antibody, clone OX-33 is directed against a high molecular weight band of the leucocyte common antigen. MRC OX-33 only labels B-cells among thoracic duct lymphocytes with little labelling in bone marrow and none on thymocytes (Barclay et al. 1987). |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 158138490                                                                                                                                                                                                     |
| NCBI GeneID                      | 24699                                                                                                                                                                                                         |
| NCBI Accession #                 | NP_001103357.1                                                                                                                                                                                                |
| NCBI GenBank Nucleotide #        | NM_001109887.1                                                                                                                                                                                                |
| UniProt Accession #              | P04157                                                                                                                                                                                                        |
| Molecular Weight                 | 134,182 Da                                                                                                                                                                                                    |
| NCBI Official Full Name          | receptor-type tyrosine-protein phosphatase C isoform 3                                                                                                                                                        |
| NCBI Official Synonym Full Names | protein tyrosine phosphatase, receptor type, C                                                                                                                                                                |
| NCBI Official Symbol             | Ptprc                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | Lca; RT7; CD45; L-CA; T200                                                                                                                                                                                    |
| NCBI Protein Information         | receptor-type tyrosine-protein phosphatase C; Protein tyrosine phosphatase, receptor-type, c polypeptide; T200 glycoprotein; leucocyte common antigen; leukocyte common antigen A; leukocyte common antigen B |
| UniProt Protein Name             | Receptor-type tyrosine-protein phosphatase C                                                                                                                                                                  |
| UniProt Gene Name                | Ptprc                                                                                                                                                                                                         |
| UniProt Synonym Gene Names       | L-CA                                                                                                                                                                                                          |
| UniProt Entry Name               | PTPRC_RAT                                                                                                                                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.