

Product Datasheet

CD45RC Antibody (OX-22) - BSA Free NBP3-43540

Unit Size: 0.2 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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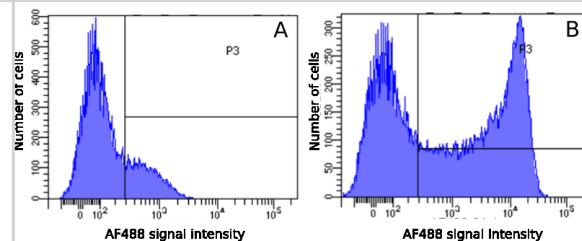
NBP3-43540

CD45RC Antibody (OX-22) - BSA Free

| Product Information | |
|-----------------------------|---|
| Unit Size | 0.2 mg |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | OX-22 |
| Preservative | 0.02% Proclin 300 |
| Isotype | IgG1 |
| Purity | Protein A purified |
| Buffer | PBS |
| Product Description | |
| Description | Novus Biologicals Mouse CD45RC Antibody (OX-22) - BSA Free (NBP3-43484) is a recombinant monoclonal antibody validated for use in IHC, Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 5788 |
| Gene Symbol | Ptpnc |
| Species | Rat |
| Specificity/Sensitivity | OX-22 binds specifically to the high molecular weight form of the leucocyte common antigen, CD45RC. OX-22 and OX-31 compete for binding but do not compete with OX-32. The antigen is expressed on the surface of B cells, around half of bone marrow cells, all CD8+ve T cells, and is able to differentiate between CD4+CD45RChigh (Th1-like) and CD4+CD45RClow (Th2-like) cell types. CD45 extracellular domain is able to interact with a number of different proteins including CD4, TCR, CD2, Thy-1 and CD26. CD45 is important for signalling through the T cell receptor and in the selection of T and B lymphocytes. |
| Immunogen | OX-22 was prepared by immunizing BALB/c mice with phytohemagglutinin-activated rat lymph node cells. (Uniprot# P04157) |
| Product Application Details | |
| Applications | Flow Cytometry, Immunohistochemistry, Immunoprecipitation |
| Recommended Dilutions | Flow Cytometry, Immunohistochemistry, Immunoprecipitation |

Images

Flow Cytometry: CD45RC Antibody (OX-22) - BSA Free [NBP3-43540] - Staining of rat (*Rattus norvegicus*) lymphocytes with either an isotype control (A) or NBP3-43540 at a concentration of 1 $\mu\text{g}/\text{ml}$ for 30 mins at RT. After washing, bound antibody was detected using an Alexa Fluor® 488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.





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Products Related to NBP3-43540

| | |
|------------------|--|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |
| 210-TA-005 | TNF-alpha [Unconjugated] |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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