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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-CD45RC [OX-22] Standard Size Ab00562-8.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric rat antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rat IgG2b, Fc Silent™, Kappa

Clone Number: OX-22

Alternative Name(s) of Target: L-CA; Receptor-type tyrosine-protein phosphatase C; leukocyte common antigen; T200; CD45; OX22; MRC OX22; MRC OX-22; CD45 R

UniProt Accession Number of Target Protein: P04157

Published Application(s): IP, FC, IHC

Published Species Reactivity: Rat

Immunogen: OX-22 was prepared by immunizing BALB/c mice with phytohemagglutinin-activated rat lymph node cells.

Specificity: 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.

Application Notes: OX-20 can be used for both FC and IHC (paraffin/frozen) studies. It can also be used to purify proteins by affinity-purification (Woolett et al. Eur J Immunol. 1985 Feb;15(2):168-73).

Antibody First Published in: Spickett et al. MRC OX-22, a monoclonal antibody that labels a new subset of T lymphocytes and reacts with the high molecular weight form of the leukocyte-common antigen. J Exp Med. 1983 Sep 1;158(3):795-810. [PMID:6224884](#)

Note on publication: Describes the use of OX-22 to analyse CD45RC tissue distribution and antigen characterisation which enable the identification of distinct subsets of T cells.

Product Form

Size:

200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.