

## Anti-CD45RA or A/B [OX-30] Standard Size Ab00576-2.3

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

**Isotype and Format:** Mouse IgG2a, [Fc Silent™](#), Kappa

**Clone Number:** OX-30

**Alternative Name(s) of Target:** PTPRC; B220; CD45; CD45 R; GP180; L-CA; LCA; LY5; T200; protein tyrosine phosphatase; receptor type C; Receptor-type tyrosine-protein phosphatase C

**UniProt Accession Number of Target Protein:** P04157

**Published Application(s):** Blocking, FC, IHC-Fr

**Published Species Reactivity:** Rat

**Immunogen:** This antibody was prepared by immunizing BALB/c mice with rat lymph node glycoproteins.

**Specificity:** This antibody recognizes all molecular forms of rat L-CA, and is noncompetitive with OX-1, 28 and 29 in binding to L-CA. While purified L-CA inhibited binding of this antibody to lymph node cells, no such inhibition of binding was seen with reduced and alkylated L-CA.

**Application Notes:** This antibody binds all molecular forms of rat L-CA, and consequently can be used to label thymocytes, T cells, B cells and most bone marrow cells (Woollett, 1985).

**Antibody First Published in:** Woollett et al. Molecular and antigenic heterogeneity of the rat leukocyte-common antigen from thymocytes and T and B lymphocytes. Eur J Immunol. 1985 Feb;15(2):168-73.

[PMID:2578966](#)

**Note on publication:** Describes the original use of this antibody in FC and blocking analysis to assess the molecular and antigenic heterogeneity of rat L-CA.

### 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.