

Anti-CD45RA or A/B [OX-30] Standard Size Ab00576-8.1

This chimeric rat antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rat IgG2b, 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.