

Anti-CD45RB [OX-33] Standard Size Ab00555-8.1

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, Kappa

Clone Number: OX-33

Alternative Name(s) of Target: L-CA; LCA; OX33; CD45 restricted; MRC OX33; MRC OX-33; CD45 R

UniProt Accession Number of Target Protein: P04157

Published Application(s): ICC, IP, FC, IHC

Published Species Reactivity: Rat

Immunogen: Binds only to high MWT CD45RB. CD45RB is an isoform of CD45 with exon 5 splicing (encodes B determinant).

Specificity: This antibody binds CD45RB and enables B cell (no other lymphoid cells) labelling analyzed by FACS. In addition it can be used for immunofluorescent staining with FC analysis, IP and IHC of acetone-fixed frozen sections and formalin-fixed paraffin-embedded sections.

Application Notes: This antibody can be used for IP, FC, IHC and ICC

Antibody First Published in: Kato et al. CD48 is a counter-receptor for mouse CD2 and is involved in T cell activation. J Exp Med 17:6-49 1992 [PMID:1383383](#)

Note on publication: Describes the use of OX-78 in characterising CD48 as the ligand for CD2 in mice.

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.