

## 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.