

## Anti-CD45R [YTH 80.103] Standard Size Ab00196-8.4

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

**Isotype and Format:** Rat IgG2b, [Fc Silent™](#), Kappa

**Clone Number:** YTH 80.103

**Alternative Name(s) of Target:** Ly-5; Lyt-4; T200; CD45 R; L-CA; Leukocyte common antigen; PTPRC; Receptor-type tyrosine-protein phosphatase C; T200; YTH80; YTH-80

**UniProt Accession Number of Target Protein:** P08575

**Published Application(s):** WB, FC

**Published Species Reactivity:** Human

**Immunogen:** Human T lymphocytes.

**Specificity:** Recognises a sialic acid dependent carbohydrate epitope associated with the C exon on all of the CD45 four isoforms.

**Application Notes:**

**Antibody First Published in:** Hale et al. Therapeutic potential of rat monoclonal antibodies: isotype specificity of antibody-dependent cell-mediated cytotoxicity with human lymphocytes. J Immunol. 1985 May;134(5):3056-61. [PMID:3980990](#)

**Note on publication:** Describes the characterisation of the complement fixing ability of the original rat IgG2b version of this antibody.

## 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.