

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.