

Anti-CD45 [YW 62.3] Standard Size Ab00204-8.4

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: YW 62.3

Alternative Name(s) of Target: Leukocyte common antigen; YW 62.3.20; Cleukocyte common antigen; LCA; CD45; Receptor-type tyrosine-protein phosphatase C; ; L-CA; Itgb2; Lymphocyte antigen 5; Ly-5; T200; PTPRC; protein tyrosine phosphatase receptor type C; YW62; YW-62

UniProt Accession Number of Target Protein: P06800

Published Application(s): FC, IHC

Published Species Reactivity: Mouse

Immunogen: Mouse spleen cells.

Specificity: Recognises all isoforms of murine CD45, a 180-220kD glycoprotein expressed by all leucocytes.

Application Notes:

Antibody First Published in: Watt et al. Cell-surface markers on haemopoietic precursors. Reagents for the isolation and analysis of progenitor cell subpopulations Mol Cell Probes. 1987 Dec;1(4):297-326.

[PMID:3330997](#)

Note on publication: Describes the use of this antibody in separating different cell types.

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.