

## Anti-CD45 [YW 62.3] Standard Size Ab00204-2.3

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

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2b format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG2a, [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.