

## Anti-CD8 [YTC 182.20] Bulk Size Ab01039-23.0-BT

This chimeric rabbit 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:** Rabbit IgG, Kappa

**Clone Number:** YTC 182.20

**Alternative Name(s) of Target:** Leu2; CD8; CD8A; T-cell surface glycoprotein CD8 alpha chain; T-lymphocyte differentiation antigen T8/Leu-2; CD8a; p32; YTC182.20

**UniProt Accession Number of Target Protein:** P01732

**Published Application(s):** FC

**Published Species Reactivity:** Monkey, Human, Rhesus Monkey, Cynomolgus Monkey

**Immunogen:** Rats were immunised with mouse L cells transfected with human CD8 gene. Subsequently, spleen cells from the immunised DA rat were fused with cells of the rat Y3/Ag.1.2.3 myeloma line.

**Specificity:** This antibody recognises human CD8. CD8 is a cell surface receptor expressed either as a heterodimer with the CD8 beta chain (CD8 alpha/beta) or as a homodimer (CD8 alpha/alpha). CD8 is a T-cell co-receptor involved in the recognition of MHC class I molecules. It is present on cytotoxic/suppressor T lymphocytes.

**Application Notes:** YTC 182.20 antibody is recommended for flow cytometric analysis of CD8 positive cells. It is synergistic with Ab01038.

**Antibody First Published in:** Jonekr et al. Reactivity of mAb specific for human CD markers with Rhesus monkey leucocytes. Leucocyte Typing IV. Oxford University Press p 1058-1063 [PMID:](#)

**Note on publication:** The article provides background information for the YTC 182.20 antibody.

## Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.