

Anti-CD8 [YTC 182.20] Bulk Size Ab01039-10.0-BT

This chimeric human 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: Human IgG1, 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.