

## Anti-CD8a [YTC 141.1HL] Bulk Size Ab01038-23.0-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, Lambda

**Clone Number:** YTC 141.1HL

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

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

**Published Application(s):** FC, IHC

**Published Species Reactivity:** Green monkey, Human, Cynomolgus Monkey

**Immunogen:** This antibody was raised against mouse L cells transfected with human CD8 gene as immunogen.

**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 141.1HL antibody is recommended for the immunohistochemical and flow cytometric identification and analysis of CD8-positive cells. For instance, this antibody was used to immunohistochemically stain skin sections to investigate the composition of the inflammatory infiltrate perfusing the tissue (Yawalkar et al., 2000). Finally, YTC 141.1HL synergistic with Ab01039.

**Antibody First Published in:** Yawalkar et al. Infiltration of cytotoxic T cells in drug-induced cutaneous eruptions. Clin Exp Allergy. 2000 Jun;30(6):847-55. [PMID:10848903](#)

**Note on publication:** This article describes an early application of this antibody to IHC.

## 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.