

Anti-CD8 alpha [YTS 105.18] Standard Size Ab00171-2.0

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG2a, Kappa

Clone Number: YTS 105.18

Alternative Name(s) of Target: Lyt-2; CD8A Antibody; CD8a molecule Antibody; CD8a antigen Antibody; OKT8 T-cell antigen Antibody; Leu2 T-lymphocyte antigen Antibody; T8 T-cell antigen Antibody; T cell co-receptor Antibody; p32 Antibody; CD8 Antibody; Leu2 Antibody; T-cell antigen Leu2

UniProt Accession Number of Target Protein: P01731

Published Application(s): Block, FC, IF, IHC-Fr

Published Species Reactivity: Mouse

Immunogen: Ly-2-transfected mouse L cells.

Specificity: Recognizes a non polymorphic epitope on the mouse CD8 alpha chain. This antibody has been reported to block MHC I dependent T cell responses in vitro and in vivo.

Application Notes: This antibody can be used to stain for murine CD8 and can be used to block interaction with CD8.

Antibody First Published in: Qin SX, Wise M, Cobbold SP, Leong L, Kong YC, Parnes JR, Waldmann H. Induction of tolerance in peripheral T cells with monoclonal antibodies. Eur J Immunol. 1990 Dec;20(12):2737-45. [PMID:1702726](#)

Note on publication: Describes the generation of this antibodies and its characterization, including its function in suppressing skin graft rejection.

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.