

Anti-CD2 [YTH 655] Standard Size Ab00164-2.0

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, Kappa

Clone Number: YTH 655

Alternative Name(s) of Target: LFA-2; T-cell surface antigen CD2; Erythrocyte receptor; LFA-3 receptor; Rosette receptor; T-cell surface antigen T11/Leu-5

UniProt Accession Number of Target Protein: P06729

Published Application(s): In vivo depletion, FC

Published Species Reactivity: Human

Immunogen: This antibody was raised against CD2 expressing cells.

Specificity: This antibody specifically recognizes human CD2, a cell adhesion molecule found on the surface of T cells and natural killer (NK) cells.

Application Notes:

Antibody First Published in: Qin S, Cobbold SP, Pope H, Elliott J, Kioussis D, Davies J, Waldmann H. "Infectious" transplantation tolerance. Science. 1993 Feb 12;259(5097):974-7. [PMID:8094901](#)

Note on publication: Describes its use in vivo (human CD2+/CBA transgenic mice) - including Flow-Cytometry data.

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.