

Anti-IL-2R [Daclizumab] Standard Size Ab00187-1.1

This chimeric mouse antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1, Kappa

Clone Number: Daclizumab

Alternative Name(s) of Target: CD25; Interleukin-2 receptor subunit alpha; IL-2 receptor subunit alpha; IL-2R subunit alpha; IL-2-RA; IL2-RA; TAC antigen; p55

UniProt Accession Number of Target Protein: P01589

Published Application(s): Block, FC

Published Species Reactivity: Human, Rhesus Monkey, Cynomolgus Monkey

Immunogen: Cultured T-cells derived from a patient with Mycosis fungoides.

Specificity: Binds to p55 chain of IL2R on human T cells, Tac antigen, which is expressed on T cells activated by mitogens, soluble antigens, and alloantigens but not on resting T cells, thymocytes, B cells, monocytes, activated B cells, leukemic T cell blasts from patients with acute lymphoblastic leukemia, and long-term T cell lines.

Application Notes:

Antibody First Published in: Queen C, Schneider WP, Selick HE, Payne PW, Landolfi NF, Duncan JF, Avdalovic NM, Levitt M, Junghans R, Waldmann TA. A humanized antibody that binds to the interleukin 2 receptor. Proc Natl Acad Sci U S A. 1989 Dec;86(24):10029-33. [PMID:2513570](#)

Note on publication: Describes the preparation the humanised mouse anti human Tac monoclonal antibody by combining the CDRs of the mouse anti- Tac antibody with human framework and constant regions and affinity characterisation.

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.