

IL-2R recombinant antibody

Anti-IL-2R [Daclizumab]

CATALOG # AAA71939	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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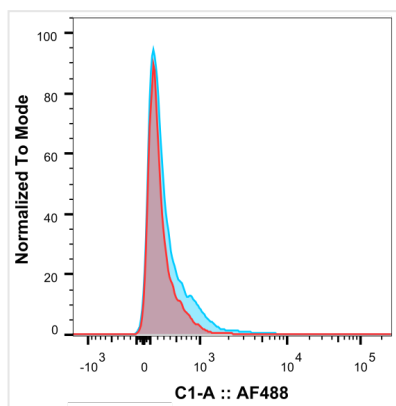
PRODUCT SYNONYMS

IL-2R; Anti-IL-2R [Daclizumab]; Interleukin-2 receptor subunit alpha; IL-2 receptor subunit alpha; IL-2R subunit alpha; IL-2-RA; IL2-RA; TAC antigen; p55; CD25; IL-2R recombinant antibody

PRODUCT SPECIFICATIONS

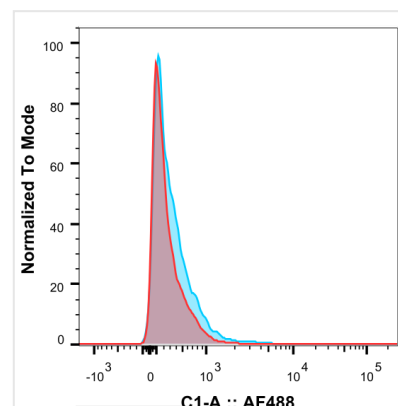
Reactivity	Human
Isotype	Rabbit IgG, kappa
Specificity	Binds to p55 chain of IL2R on human T cells, Tac antigen, which is expressed on T cells activated by mitogens, soluble antigens, and alloantigens but not on resting T cells, thymocytes, B cells, monocytes, activated B cells, leukemic T cell blasts from patients with acute lymphoblastic leukemia, and long-term T cell lines.
Purity/Purification	Protein A Affinity Purified
Sequence Length	21
Applicable Applications for IL-2R recombinant antibody	Blocking, FCM/FACS (Flow Cytometry)
Buffer Composition	PBS only with 0.02% Proclin 300.
Immunogen	Cultured T-cells derived from a patient with Mycosis fungoides.
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



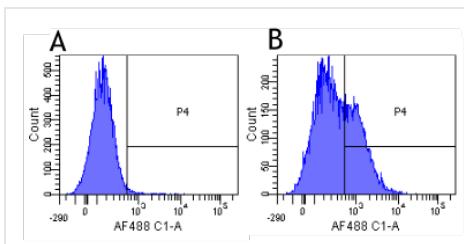
FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-IL-2R antibody Daclizumab Rhesus monkey lymphocytes were stained with an isotype control or the rabbit-chimeric version of Daclizumab at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FlowJo single-cell flow cytometer.



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-IL-2R antibody Daclizumab Cynomolgus monkey lymphocytes were stained with an isotype control or the rabbit-chimeric version of Daclizumab at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FlowJo single-cell flow cytometer.



FCM/FACS (Flow Cytometry)

Flow-cytometry using the anti-CD25 (IL2R) research biosimilar antibody Daclizumab Human lymphocytes were stained with an isotype control or the rabbit-chimeric version of Daclizumab at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.

ADDITIONAL INFORMATION

Related Product Information for IL-2R recombinant antibody	Recombinant monoclonal antibody to IL-2R. Manufactured using a Recombinant Platform with variable regions (i.e. specificity) from the therapeutic antibody Daclizumab. This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Product Categories/Family for IL-2R recombinant antibody	Biosimilar
References	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

NCBI AND UNIPROT INFORMATION

NCBI GI #	554168
NCBI Official Full Name	interleukin 2 receptor, partial

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-recombinant-antibody/il-2r/71939>