

Datasheet for ABIN5668119

Recombinant anti-IL2RA (Daclizumab Biosimilar) antibody



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3 Images

Overview

Quantity:	200 µg
Target:	IL2RA (Daclizumab Biosimilar)
Reactivity:	Human, Cynomolgus, Rhesus Monkey
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Blocking Reagent (BR)

Product Details

Immunogen:	Cultured T-cells derived from a patient with Mycosis fungoides.
Isotype:	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.
Cross-Reactivity:	Cynomolgus, Rhesus Monkey
Characteristics:	OriginalSpeciesName: Human OriginalFormat: IgG1
Purification:	Purified antibody.
Purity:	> 98 % as determined by SDS-PAGE

Product Details

Endotoxin Level: Endotoxin is < 1.0 EU/mg as determined by the LAL method

Target Details

Target: IL2RA (Daclizumab Biosimilar)

Abstract: [IL2RA \(Daclizumab Biosimilar\) Products](#)

Target Type: Biosimilar

Background: CD25, Interleukin-2 receptor subunit alpha, IL-2 receptor subunit alpha, IL-2R subunit alpha, IL-2-RA, IL2-RA, TAC antigen, p55

UniProt: [P01589](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: 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.

Restrictions: For Research Use only

Handling

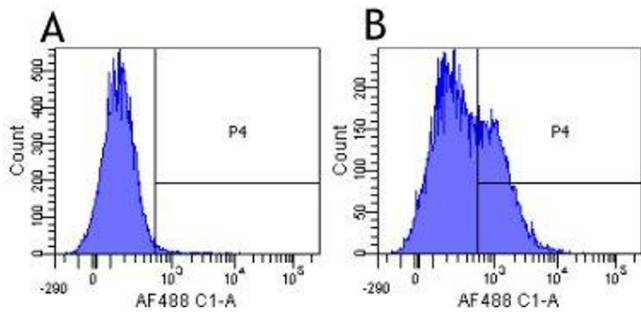
Buffer: PBS with 0.02 % Proclin 300.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

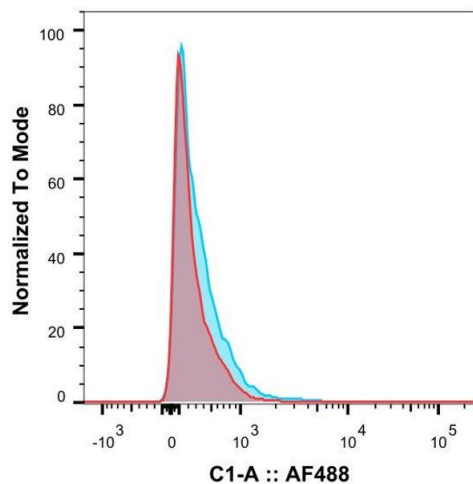
Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.



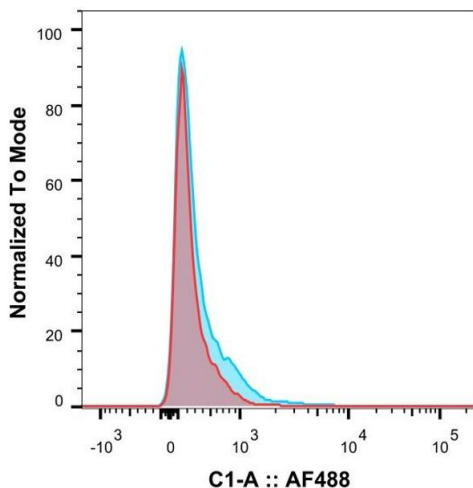
Flow Cytometry

Image 1. Flow-cytometry using the anti-CD25 (IL2R) research biosimilar antibody Daclizumab Human lymphocytes were stained with an isotype control (panel A) or the rabbit-chimeric version of Daclizumab (panel B) at a concentration of 1 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody (ab150073) and cells analysed on a FACSCanto flow-cytometer.



Flow Cytometry

Image 2. Flow-cytometry using anti-IL-2R antibody Daclizumab Cynomolgus monkey lymphocytes were stained with an isotype control (red) or the rabbit-chimeric version of Daclizumab (blue) at a concentration of 1 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody (ab150073) and cells analysed on a FlowJo single-cell flow cytometer.



Flow Cytometry

Image 3. Flow-cytometry using anti-IL-2R antibody Daclizumab Rhesus monkey lymphocytes were stained with an isotype control (red) or the rabbit-chimeric version of Daclizumab (blue) at a concentration of 1 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody (ab150073) and cells analysed on a FlowJo single-cell flow cytometer.