

Product Datasheet

Anti-IL-2R [Daclizumab] (orb1152523)

Catalog Number	orb1152523
Category	Antibodies
Description	Mouse monoclonal antibody to IL-2R
Target	IL-2R
Clonality	Monoclonal
Species/Host	Human
Isotype	Human IgG1
Conjugation	Unconjugated
Reactivity	Human, Primate
Concentration	1 mg/ml
Buffer/Preservatives	PBS with 0.02% Proclin 300.
Purity	Purified
Immunogen	Cultured T-cells derived from a patient with Mycosis fungoides.
UniProt ID	P01589
Tested applications	Blocking, FC
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.

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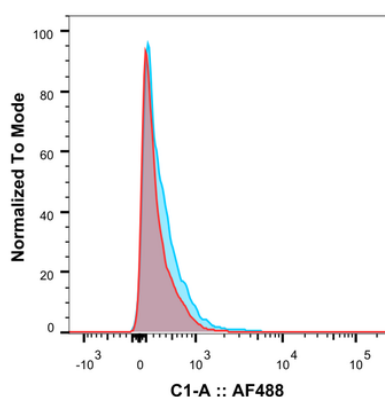
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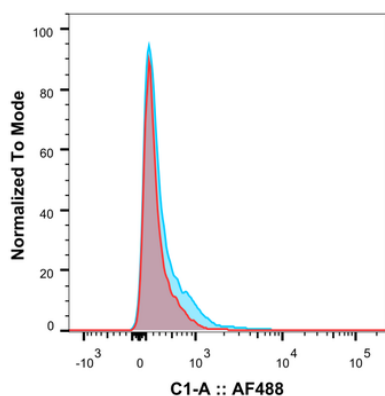
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Clone Number	Daclizumab
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Flow-cytometry using anti-IL-2R antibody Daclizumab Cynomolgus monkey lymphocytes were stained with an isotype control (orb256390, red) or the rabbit-chimeric version of Daclizumab (orb348909, 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 and cells analysed on a FlowJo single-cell flow cytometer.



Flow-cytometry using anti-IL-2R antibody Daclizumab Rhesus monkey lymphocytes were stained with an isotype control (orb256390, red) or the rabbit-chimeric version of Daclizumab (orb348909, 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 and cells analysed on a FlowJo single-cell flow cytometer.

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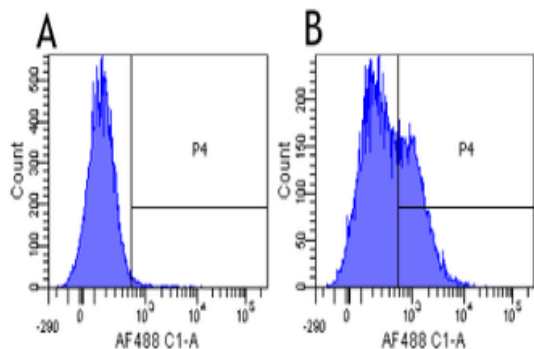
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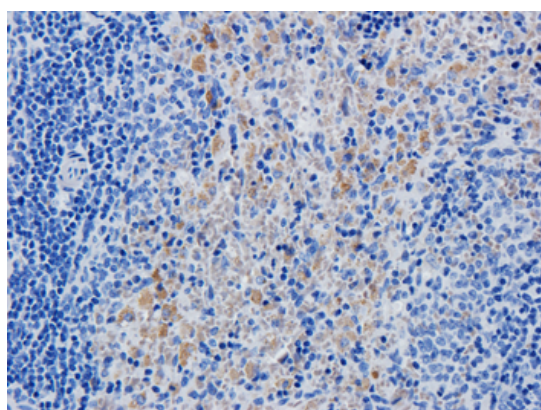
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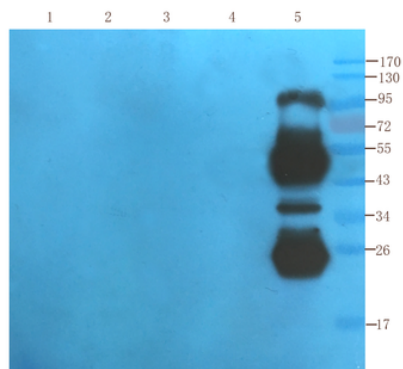
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Flow-cytometry using the anti-CD25 (IL2R) research biosimilar antibody Daclizumab Human lymphocytes were stained with an isotype control (orb256390, panel A) or the rabbit-chimeric version of Daclizumab (orb348909, panel B) at a concentration of 1 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.



Immunohistochemical staining of rat spleen using anti-IL2R antibody. Formalin fixed rat spleen slices were stained with orb348866 at 5 µg/ml.



Western Blot using anti-IL2R antibody. Mouse lipocyte (lane 1), mouse spleen (lane 2), mouse thymus (lane 3), mouse lymph node (lane 4) and human thyroid tumour (lane 5) samples were resolved on a 10% SDS PAGE gel and blots probed with orb348866 at 1.5 µg/ml before being detected by a secondary antibody. The expected band size (31 kDa) is seen in the human-derived sample, as well as further bands that are specific to human.

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