

Anti-IL-2 Receptor alpha antibody [MEM-181] ab8235

★★★★★ [1 Abreviews](#) [5 References](#) [2 图像](#)

概述

产品名称	Anti-IL-2 Receptor alpha抗体[MEM-181]
描述	小鼠单克隆抗体[MEM-181] to IL-2 Receptor alpha
宿主	Mouse
特异性	CD25 antigen (human).
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human
免疫原	Tissue, cells or virus corresponding to Human IL-2 Receptor alpha. PHA-activated peripheral blood leucocytes
表位	extracellular
阳性对照	Flow Cyt: Jurkat cells
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: PBS
纯度	Protein A purified
纯化说明	Purified from TCS. Purity >95% by SDS-PAGE.
克隆	单克隆
克隆编号	MEM-181

同种型

lgG1

轻链类型

unknown

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab8235于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt		Use a concentration of 2 µg/ml. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

靶标

功能

Receptor for interleukin-2.

疾病相关

Genetic variations in IL2RA are associated with susceptibility to diabetes mellitus insulin-dependent type 10 (IDDM10) [MIM:601942]. A multifactorial disorder of glucose homeostasis that is characterized by susceptibility to ketoacidosis in the absence of insulin therapy. Clinical fetaures are polydipsia, polyphagia and polyuria which result from hyperglycemia-induced osmotic diuresis and secondary thirst. These derangements result in long-term complications that affect the eyes, kidneys, nerves, and blood vessels.

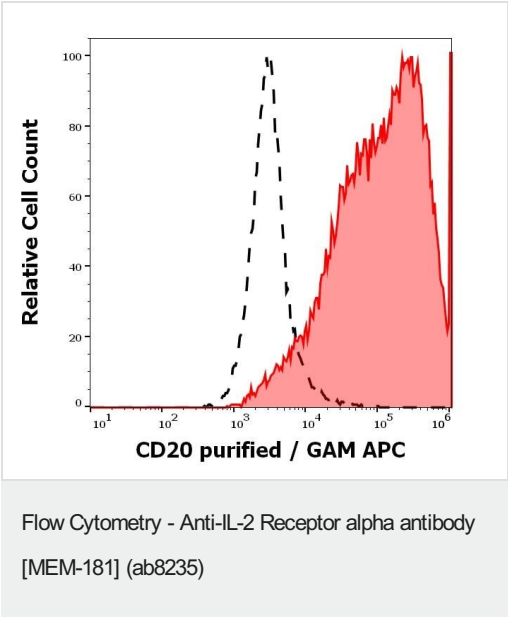
序列相似性

Contains 2 Sushi (CCP/SCR) domains.

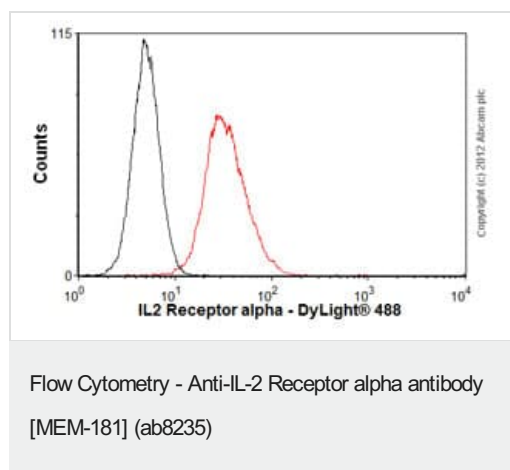
细胞定位

Membrane.

图片



Flow cytometry analysis showing separation of human PHA stimulated peripheral blood mononuclear cells stained using ab8235 (concentration in sample 2 µg/ml, GAM APC, red-filled) from human PHA stimulated peripheral blood mononuclear cells unstained by primary antibody (GAM APC, black-dashed).



Overlay histogram showing Jurkat cells stained with ab8235 (red line). The cells were fixed with 80% methanol (5 min) and incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab8235, 1µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) ([ab96879](#)) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] ([ab91353](#), 2µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive result in 4% paraformaldehyde (10 min) fixed Jurkat cells used under the same conditions.

Please note that Abcam do not have any data for use of this antibody on non-fixed cells. We welcome any customer feedback.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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