

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

★★★★★ [1 Abreviews](#) [5 References](#) [画像数 2](#)

### 製品の概要

製品名	Anti-IL-2 Receptor alpha antibody [MEM-181]
製品の詳細	Mouse monoclonal [MEM-181] to IL-2 Receptor alpha
由来種	Mouse
特異性	CD25 antigen (human).
アプリケーション	<b>適用あり:</b> Flow Cyt
種交差性	<b>交差種:</b> Human
免疫原	Tissue, cells or virus corresponding to Human IL-2 Receptor alpha. PHA-activated peripheral blood leucocytes
エピトープ	extracellular
ポジティブ・コントロール	Flow Cyt: Jurkat cells
特記事項	<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&amp;As</p>

### 製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: PBS
精製度	Protein A purified
特記事項 (精製)	Purified from TCS. Purity >95% by SDS-PAGE.
ポリ/モノ	モノクローナル
クローン名	MEM-181

アイソタイプ	IgG1
軽鎖の種類	unknown

## アプリケーション

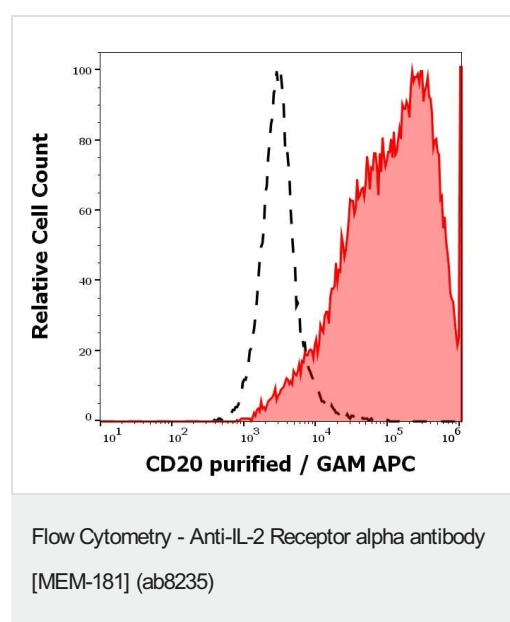
**The Abpromise guarantee** Abpromise保証は、 次のテスト済みアプリケーションにおけるab8235の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		Use a concentration of 2 µg/ml. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

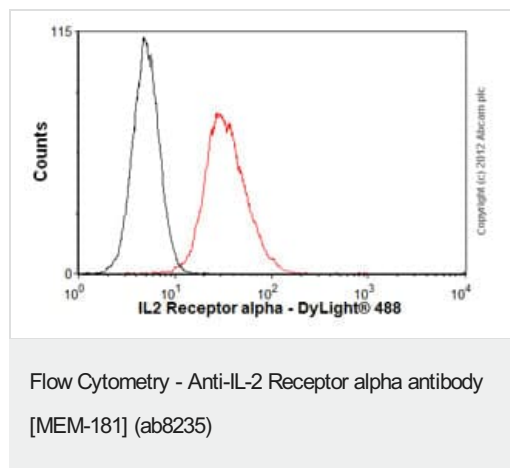
## ターゲット情報

機能	Receptor for interleukin-2.
関連疾患	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 features 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.
配列類似性	Contains 2 Sushi (CCP/SCR) domains.
細胞内局在	Membrane.

## 画像



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/1x10<sup>6</sup> 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/1x10<sup>6</sup> 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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