abcam

ab18275

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

Anti-IL-2 Receptor alpha antibody [MEM-181] conjugated to FITC - suitable for flow cytometry, and reacts with human samples. Clone [MEM-181] is a mouse monoclonal antibody cited in 16 publications.

Design your panel with our interactive flow cytometry panel builder. Click here.

Key facts

Isotype	IgG1
Host species	Mouse
Conjugation	FITC
Excitation/Emission	Ex: 495nm, Em: 519nm
Storage buffer	pH: 7.4 Preservative: 0.097% Sodium azide Constituents: BSA, PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	Cell preparation containing IL2RA protein. The exact immunogen used to generate this antibody is proprietary information. Database link P01589
Clone number	MEM-181
Purification technique	Affinity purification Protein G

Reactivity data

Flow Cyt

Expected

Species	Human
Dilution info	-

Notes	20 µl reagent / 100 µl of whole blood or 10*6* cells in a suspension.

Target data

See full target information IL2RA

Function	Receptor for interleukin-2. The receptor is involved in the regulation of immune tolerance by controlling regulatory T cells (TREGs) activity. TREGs suppress the activation and expansion of autoreactive T-cells.

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

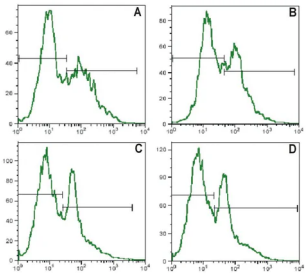
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

1 product image



Flow Cytometry - FITC Anti-IL-2 Receptor alpha antibody [MEM-181] (ab18275)

IL-2 Receptor alpha Flow Cytometry staining of Human peripheral blood mononuclear Cells (PBMC) using mouse Anti-IL-2 Receptor alpha antibody

Flow cytometry analysis (surface staining) of human PBMC using ab18275.
The mononuclear cells were isolated from human peripheral blood, divided in aliquots for duplicate analysis and stimulated with PHA for 2 days.

Panel A, C – staining using ab18275
Panel B, D – staining with a standard anti-CD25 monoclonal antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.