abcam

ab234252

PE/Cy7® Anti-IL-2 Receptor alpha antibody [MEM-181]

Anti-IL-2 Receptor alpha antibody [MEM-181] conjugated to PE/Cy7® - 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	PE/Cy7®
Excitation/Emission	Ex: 565nm, Em: 778nm
Storage buffer	pH: 7.4 Preservative: 0.0975% Sodium azide Constituents: 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	Size-exclusion chromatography
Purification notes	Purified antibody is conjugated with tandem dye PE/Cy7 ® under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	4 µL for 10^6 Cells
Notes	(or 100 µl of whole blood).

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
Storage information	Store in the dark

Notes

This product or portions thereof is manufactured under license from Carnegie Mellon University under U.S. Patent Number 5, 268, 486 and related patents. Cy® and CyDye® are trademarks of Cytiva.

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.

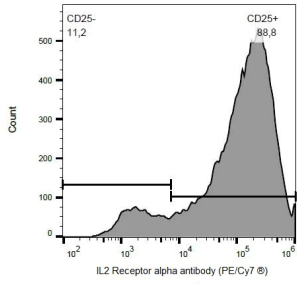
We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

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 - PE/Cy7® Anti-IL-2 Receptor alpha antibody [MEM-181] (ab234252)

IL-2 Receptor alpha Flow Cytometry staining using mouse Anti-IL-2 Receptor alpha antibody

Flow cytometric analysis of PHA-stimulated human PBMC labeling IL-2 Receptor alpha with ab234252 at 1µg/ml. Gated on singlets, surface staining.

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