abcam

ab157308

PerCP/Cy5.5® Anti-IL-2 Receptor alpha antibody [MEM-181]

Anti-IL-2 Receptor alpha antibody [MEM-181] conjugated to PerCP/Cy5.5® - 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	PerCP/Cy5.5®
Excitation/Emission	Ex: 482nm, Em: 695nm
Storage buffer	pH: 7.4 Preservative: 0.1% Sodium azide Constituents: PBS, 0.2% BSA
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

Reactivity data

Flow Cyt

Tested

Species	Human

Dilution info	4 µL for 10^6 Cells
Notes	Use 4 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

Notes

Purified antibody is conjugated with tandem dye PerCP/Cy5.5® under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.

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

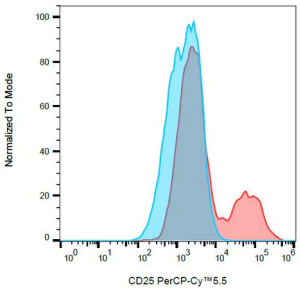
We do not recommend this combination. It is not covered by our product promise.

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 - PerCP/Cy5.5® Anti-IL-2 Receptor alpha antibody [MEM-181] (ab157308)

IL-2 Receptor alpha Flow Cytometry staining of Human peripheral blood using mouse Anti-IL-2 Receptor alpha antibody

Separation of human PHA stimulated peripheral blood mononuclear cells stained using ab157308 (concentration in sample 3 µg/ml, red) from unstained human PHA stimulated peripheral blood mononuclear cells (black) in flow cytometry analysis (surface staining).

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