abcam

ab242075

violetFluor™ 450 Anti-IL-2 Receptor alpha antibody [PC61.5]

Anti-IL-2 Receptor alpha antibody [PC61.5] conjugated to violetFluor™ 450 - suitable for flow cytometry, and reacts with mouse samples. Clone [PC61.5] is a rat monoclonal antibody and one of the most commonly used clones for flow cytometry.

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

Key facts

Isotype	IgG1
Host species	Rat
Conjugation	violetFluor™ 450
Excitation/Emission	Ex: 405nm, Em: 450nm
Storage buffer	pH: 7.2 Preservative: 0.09% Sodium azide Constituents: 0.87% Sodium chloride, 0.12% Sodium dihydrogen phosphate, 0.1% Gelatin
Form	Liquid
Clonality	Monoclonal
Clone number	PC61.5
Purification technique	Affinity purification
Light chain type	lambda
Purification notes	Purified from TCS.

Reactivity data

Flow Cyt

Tested

Species	Mouse
Dilution info	-
Notes	0.5 µg: The amount of antibody required for optimal staining of a cell sample should be determined empirically in your system.

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

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

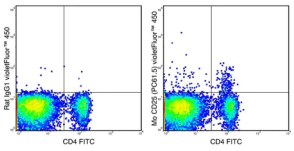
We do not recommend this combination. It is not covered by our product promise.

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 - violetFluor™ 450 Anti-IL-2 Receptor alpha antibody [PC61.5] (ab242075)

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

Flow Cytometric analysis of C57Bl/6 bone marrow cells staining IL-2 Receptor alpha using 0.5 µg ab242075 (right panel) or 0.5 µg violet- Fluor™ 450 Rat IgG1 isotype control (left panel).

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