abcam

ab25485

APC Anti-IL-2 Receptor alpha antibody [3C7]

Anti-IL-2 Receptor alpha antibody [3C7] conjugated to APC - suitable for flow cytometry, IHC-Fr, and reacts with mouse samples. Clone [3C7] 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	IgG2b
Host species	Rat
Conjugation	APC
Excitation/Emission	Ex: 650nm, Em: 660nm
Storage buffer	pH: 7.3 Preservative: 0.09% Sodium azide Constituents: PBS, 16% Sucrose
Form	Liquid
Clonality	Monoclonal
Immunogen	Cell preparation containing HT2 cell line protein. The exact immunogen used to generate this antibody is proprietary information.
Clone number	3C7
Purification technique	Affinity purification
Specificity	ab25485 recognises low affinity alpha chain IL-2 receptor (MW 55 kDa) (IL-2R alpha).
Light chain type	kappa
Concentration	0.1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

IHC-Fr

Expected

Species	Mouse
Dilution info	Use at an assay dependent concentration.
Notes	-

Flow Cyt

Tested

Species	Mouse
Dilution info	0.3 µg for 10^6 Cells
Notes	-

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

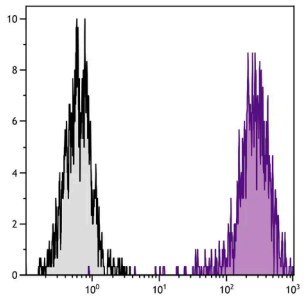
We do not recommend this combination. It is not covered by our product promise.

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 - APC Anti-IL-2 Receptor alpha antibody [3C7] (ab25485)

IL-2 Receptor alpha Flow Cytometry staining of C57BL/6 mouse cytotoxic T lymphocyte cell line using rat Anti-IL-2 Receptor alpha antibody

C57BL/6 mouse cytotoxic T lymphocyte cell line CTLL-2 was stained with Rat Anti- Mouse CD25-APC (ab25485). The grey peak represents an isotype control. The purple peak represents the positive dataset.

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