abcam

ab91270

Anti-IL-15RA antibody [JM7A4]

Key facts

Isotype	IgG2b
Host species	Mouse
Storage buffer	pH: 7.2 Preservative: 0.09% Sodium azide Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	Recombinant Full Length Protein corresponding to Human IL15RA. Database link Q13261
Clone number	JM7A4
Purification technique	Affinity purification Protein A
Concentration	0.5 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →
Purification notes	ab91270 is affinity purified.

Reactivity data

IP

Expected

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

Flow Cyt

Tested

Species	Human
Dilution info	0.5 µg for 10^6 Cells
Notes	ab170192 - Mouse monoclonal IgG2b, is suitable for use as an isotype control with this antibody.

WB

Expected

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

Target data

See full target information IL15RA

Function	High-affinity receptor for interleukin-15 (PubMed:8530383). Can signal both in cis and trans where IL15R from one subset of cells presents IL15 to neighboring IL2RG-expressing cells (By similarity). In neutrophils, binds and activates kinase SYK in response to IL15 stimulation (PubMed:15123770). In neutrophils, required for IL15-induced phagocytosis in a SYK-dependent manner (PubMed:15123770). Expression of different isoforms may alter or interfere with signal transduction (PubMed:10480910). Isoform 5. Does not bind IL15. Isoform 6. Does not bind IL15. Isoform 7. Does not bind IL15. Isoform 8. Does not bind IL15.

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C

Storage information	Avoid freeze / thaw cycle

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

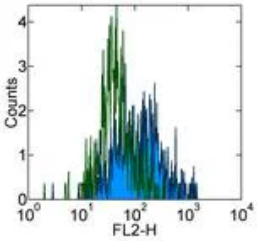
We do not recommend this combination. It is not covered by our product promise.

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 - Anti-IL-15RA antibody [JM7A4] (ab91270)

IL-15RA Flow Cytometry staining using mouse Anti-IL-15RA antibody

ab91270 staining IL-15RA in normal Human PBMCs by Flow cytometry.
Normal Human PBMCs were isolated, and cultured in standard conditions for 3 hours. Non adherent cells were removed from culture, and remaining cells were stimulated with LPS and IFN-gamma for 24 hours.
Open/green histogram; stained with 0.25 µg of Purified Mouse IgG2b Isotype Control
Closed/blue histogram; stained with 0.25 µg of ab91270.
Detection utilised Biotin Anti-Mouse IgG and SAv-PE.
Cells in the large scatter population were used for analysis.

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