abcam

ab314083

Anti-IL-2 Receptor alpha antibody [BLR157J] - BSA free

Recombinant

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	pH: 7.8 - 8.6 Preservative: 0.09% Sodium azide Constituents: 98% Borate buffered saline
Form	Liquid
Clonality	Monoclonal
Immunogen	Recombinant Fragment Protein within Human IL2RA aa 1-250. The exact immunogen used to generate this antibody is proprietary information. Database link P01589
Clone number	BLR157J
Concentration	1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

ICC

Tested

Species	Human
Dilution info	-
Notes	-

Flow Cyt

Tested

Species	Human
Dilution info	-
Notes	-

IP

Tested

Species	Human
Dilution info	-
Notes	-

WB

Tested

Species	Human
Dilution info	-
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 duration	Up to 12 months

Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C

Notes

REACH authorisation
Abcam has not and does not intend to apply for the REACH Authorisation of customers' uses of products that contain European Authorisation list (Annex XIV) substances.
It is the responsibility of our customers to check the necessity of application of REACH Authorisation, and any other relevant authorisations, for their intended uses.

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

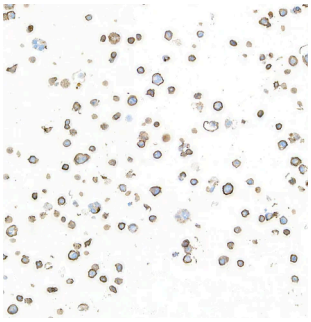
We do not recommend this combination. It is not covered by our product promise.

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.

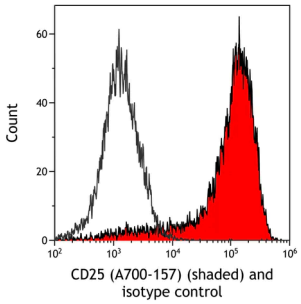
Full details and terms and conditions can be found here:
Terms & Conditions.

4 product images



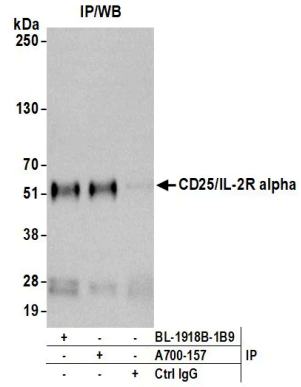
Immunocytochemistry - Anti-IL-2 Receptor alpha antibody [BLR157J] - BSA free (ab314083)

Detection of human IL-2 Receptor alpha in FFPE MJ cells by immunocytochemistry. Antibody: Rabbit anti-IL-2 Receptor alpha recombinant monoclonal antibody [BLR157J]. Secondary: HRP-conjugated goat antirabbit IgG (A120-501P). Substrate: DAB.



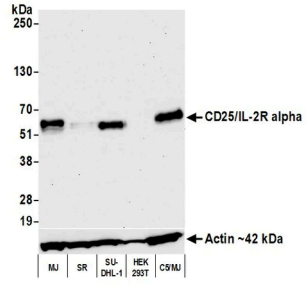
Flow Cytometry - Anti-IL-2 Receptor alpha antibody [BLR157J] - BSA free (ab314083)

Detection of human IL-2 Receptor alpha (shaded) in MJ cells by flow cytometry. Antibody: Rabbit anti-IL-2 Receptor alpha recombinant monoclonal antibody [BLR157J] (A700-157CF) or isotype control (unshaded). Secondary: 488-conjugated goat anti-rabbit IgG .



Immunoprecipitation - Anti-IL-2 Receptor alpha antibody [BLR157J] - BSA free (ab314083)

Samples: Whole cell lysate (0.5 mg per IP reaction; 5% of IP loaded) from MJ cells prepared using NETN lysis buffer. Antibodies: Rabbit anti IL-2 Receptor alpha recombinant monoclonal antibody [BLR157J] used for IP at 20 µl/mg lysate. IL-2 Receptor alpha was also immunoprecipitated by another antibody against a different epitope of IL-2 Receptor alpha. For blotting immunoprecipitated IL-2 Receptor alpha, A700-157 was used at 1:1000. Chemiluminescence with an exposure time of 30 seconds.



Western blot - Anti-IL-2 Receptor alpha antibody [BLR157J] - BSA free (ab314083)

Samples: Whole cell lysate (25 µg) from MJ, SR, SU-DHL-1, HEK293T, and C5/MJ cells prepared using NETN lysis buffer. Antibody: Rabbit anti-IL-2 Receptor alpha recombinant monoclonal antibody [BLR157J] (A700-157CF) used at 1:1000. Secondary: HRP-conjugated goat antirabbit IgG. Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F].
All lanes:
Western blot - Anti-IL-2 Receptor alpha antibody [BLR157J] - BSA free (ab314083) at 1/1000 dilution

Lane 1:
MJ Whole cell lysate at 25 µg

Lane 2:
SR Whole cell lysate at 25 µg

Lane 3:
SU-DHL-1 Whole cell lysate at 25 µg

Lane 4:
HEK293T Whole cell lysate at 25 µg

Lane 5:
C5/MJ Whole cell lysate at 25 µg

Secondary

All lanes:
HRP-conjugated goat antirabbit IgG

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