abcam

ab288532

Anti-IL-18R1 antibody [B-E43] - BSA and Azide free

Key facts

Isotype	IgG1
Host species	Mouse
Storage buffer	pH: 7.3 - 7.5 Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	Recombinant Fragment Protein within Human IL18R1 aa 1-350. The exact immunogen used to generate this antibody is proprietary information. Database link Q13478
Carrier free	Yes
Clone number	B-E43
Purification technique	Affinity purification Protein A
Specificity	Cross-reacts with mouse protein in cytometry.
Light chain type	kappa
Concentration	1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →
Purification notes	Purified from cell culture supernatant

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	1/2 - 1/256
Notes	-

Target data

See full target information IL18R1

Function	Within the IL18 receptor complex, responsible for the binding of the pro-inflammatory cytokine IL18, but not IL1A nor IL1B (PubMed:14528293, PubMed:25261253, PubMed:25500532, PubMed:37993714, PubMed:8626725). Involved in IL18-mediated IFNG synthesis from T-helper 1 (Th1) cells (PubMed:10653850). Contributes to IL18-induced cytokine production, either independently of SLC12A3, or as a complex with SLC12A3 (By similarity).

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C

Notes

Hybridoma: Myeloma X63/AG.8653 x Balb/c spleen cells.

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.

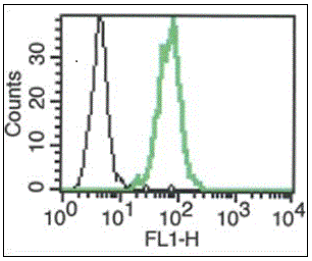
We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

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1 product image



Flow Cytometry - Anti-IL-18R1 antibody [B-E43] - BSA and Azide free (ab288532)

IL-18R1 Flow Cytometry staining using mouse Anti-IL-18R1 antibody

Flow cytometry overlay histogram of U937 (Human histiocytic lymphoma cell line) cells labelling IL-18R1 with ab288532 at 1/2 – 1/256 dilution (green) compared with an isotype control (black). GAM-FITC at 1/800 dilution was used as the secondary antibody.

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