abcam

ab89333

Anti-CNTFR antibody [MM0190-10L29]

Key facts

Isotype	IgG2
Host species	Mouse
Storage buffer	Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	Recombinant Full Length Protein corresponding to Human CNTFR. Database link P26992
Carrier free	Yes
Clone number	MM0190-10L29
Purification technique	Affinity purification Protein G
Concentration	0.5 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	0.5 µg for 10^6 Cells
Notes	ab18414 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

IHC-P

Tested

Species	Human
Dilution info	15 µg/mL
Notes	-

Target data

See full target information CNTFR

Function	Binds to CNTF. The alpha subunit provides the receptor specificity. Receptor for heterodimeric neurotropic cytokine composed of CLCF1/CLC and CRLF1/CLF-1 (PubMed:26858303). Acts as a receptor for the neuroprotective peptide humanin as part of a complex with IL6ST/GP130 and IL27RA/WSX1 (PubMed:19386761).

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
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.

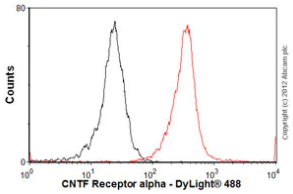
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In the unlikely event of one of our products not working as expected, you are covered by our product promise.

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2 product images

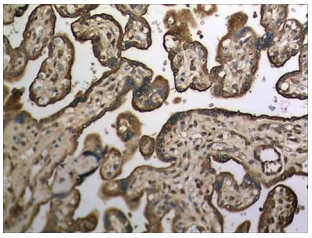


Flow Cytometry - Anti-CNTFR antibody [MM0190-10L29] (ab89333)

CNTFR Flow Cytometry staining using mouse Anti-CNTFR antibody

Overlay histogram showing SH-SY5Y cells stained with ab89333 (red line). The cells were fixed with 80% methanol (5 min) and incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab89333, 0.5µg/1x10^6 cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) (ab96879) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG2 (1µg/1x10^6 cells) used under the same conditions. Acquisition of >5,000 events was performed.

Please note that Abcam do not have any data for use of this antibody on non-fixed cells. We welcome any customer feedback.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CNTFR antibody [MM0190-10L29] (ab89333)

CNTFR Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using mouse Anti-CNTFR antibody

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human placental tissue section (4µm) labelling CNTFR with ab89333. Tissue was treated with 15µg/ml Protenase K for antigen retrieval and fixed with 4% PFA. A HRP-conjugated anti-mouse IgG was used as the secondary antibody (30 minutes at room temperature) followed by DAB color development.

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