


Product datasheet

Anti-Neurologin 1 antibody [N97A/31] - C-terminal (FITC) ab186252

Overview

Product name	Anti-Neurologin 1 antibody [N97A/31] - C-terminal (FITC)
Description	Mouse monoclonal [N97A/31] to Neurologin 1 - C-terminal (FITC)
Host species	Mouse
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	Suitable for: ICC/IF, WB, IHC
Species reactivity	Reacts with: Rat Predicted to work with: Mouse, Human 
Immunogen	Fusion protein (His-tag) corresponding to Rat Neurologin 1 aa 718-843 (C terminal). cytoplasmic domain. Immunogen shows >40% identity with Neurologin-2 and -3 Database link: Q62765
Positive control	Rat brain lysate.
General notes	The clone number has been updated from S97A-31 to N97A/31, both clone numbers name the same antibody clone.

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team

ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine)
Purity	Protein G purified
Clonality	Monoclonal
Clone number	N97A/31
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab186252** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration.
WB		1/1000. Detects a band of approximately 120 kDa (predicted molecular weight: 94 kDa).
IHC		Use at an assay dependent concentration.

Target

Function	Neuronal cell surface protein thought to be involved in cell-cell-interactions by forming intercellular junctions through binding to beta-neurexins. Seems to play role in formation or maintenance of synaptic junctions. In vitro, triggers the de novo formation of presynaptic structures. May be involved in specification of excitatory synapses.
Tissue specificity	Expressed in the blood vessel walls (at protein level).
Sequence similarities	Belongs to the type-B carboxylesterase/lipase family.
Cellular localization	Cell membrane. Cell junction > synapse. Cell junction > synapse > postsynaptic cell membrane > postsynaptic density. Enriched in synaptic plasma membranes and clustered in synaptic clefts and postsynaptic densities.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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