



Anti-Human Neurotrophin-3 (#14C9)

20230310DS



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	101-M815
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with purified recombinant human neurotrophin-3).

Target Background

Synonyms (Target):	Neurotrophin-3, NT-3, HDNF, Nerve growth factor 2 (NGF-2), Neurotrophic factor
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Neurotrophin-3 is a protein that in humans is encoded by the NTF3 gene. The protein encoded by this gene, NT-3, is a neurotrophic factor in the NGF (Nerve Growth Factor) family of neurotrophins. It is a protein growth factor which has activity on certain neurons of the peripheral and central nervous system; it helps to support the survival and differentiation of existing neurons, and encourages the growth and differentiation of new neurons and synapses. NT-3 was the third neurotrophic factor to be characterized, after nerve growth factor (NGF) and BDNF (Brain Derived Neurotrophic Factor).

Database References Target

Protein RefSeq:	NP_001096124.1
Uniprot ID:	P20783
mRNA RefSeq:	NM_001102654.1

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#14C9)
Isotype	IgG1
Purification	Protein G chromatography
Antigen	Recombinant Human Neurotrophin-3
Formulation	lyophilized
Reconstitution buffer	PBS

Application/Handling

Reconstitution: Centrifuge vial prior to opening. Reconstitute the antibody with 500 µl sterile PBS and the final concentration is 200 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20°C for at least for six months without detectable loss of activity.



AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

The antibody can be used within the following applications:

ICC, N, Capture Ab

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!