

Product datasheet for **TA500031**

Neurotrophin 3 (NTF3) Mouse Monoclonal Antibody [Clone ID: OTI2D1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2D1
Applications:	WB
Recommended Dilution:	WB: 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	Recombinant protein expressed in E.coli corresponding to amino acids 139-257 of human NT3
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	27.4 kDa
Gene Name:	neurotrophin 3
Database Link:	NP_001096124 Entrez Gene 18205 Mouse Entrez Gene 81737 Rat Entrez Gene 4908 Human P20783



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Background:

NT3 is a member of the neurotrophin family, that controls survival and differentiation of mammalian neurons. It is closely related to both nerve growth factor and brain-derived neurotrophic factor. It may be involved in the maintenance of the adult nervous system, and may affect development of neurons in the embryo when it is expressed in human placenta. NT3-deficient mice generated by gene targeting display severe movement defects of the limbs. The mature peptide of this protein is identical in all mammals examined including human, pig, rat and mouse

Synonyms:

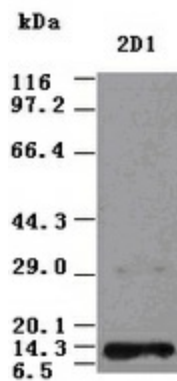
HDNF; NGF-2; NGF2; NT-3; NT3

Protein Families:

Druggable Genome, Secreted Protein

Protein Pathways:

MAPK signaling pathway, Neurotrophin signaling pathway

Product images:

NT3 antibody (2D1) at 1:2000 + Recombinant Human NT3 (Cat# [RC214281])