

Product datasheet for **PM1009A**

Neurotrophin 4 (NTF4) Mouse Monoclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA: In a sandwich ELISA (assuming 100 µl/well), a concentration of 2.0-4.0 µg/ml of this antibody will detect at least 2000 pg/ml of recombinant Human NT-4 when used with Biotin conjugated anti-Human NT-4 antibody (cat. PP1059B) as the detection antibody at a concentration of approximately 0.5-1.0 µg/ml.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant Human NT-4
Specificity:	Recognizes Human NT-4.
Formulation:	PBS without preservatives State: Azide Free State: Lyophilized (sterile filtered) purified Ig fraction
Reconstitution Method:	Restore in sterile water to a concentration of 1.0 mg/ml.
Purification:	Affinity Chromatography on Protein A.
Conjugation:	Unconjugated
Storage:	Store the antibody prior to reconstitution at -20°C. Following reconstitution the antibody can be stored at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	neurotrophin 4
Database Link:	Entrez Gene 4909 Human P34130



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Background: Neurotrophin 4 (NT4; synonymous with NT5) belongs to the NGF beta family and is a survival factor for peripheral sensory sympathetic neurons. The expression of this gene is ubiquitous and less influenced by environmental signals. NT4 levels are highest in the prostate, with lower levels in thymus, placenta, and skeletal muscle. NT4 is also expressed in embryonic and adult tissues.

Synonyms: Neurotrophin-4, NT-4, Neutrophic factor 4, Neurotrophin 5, Neurotrophin-5, NTF5, NT-5