



# CNTF Monoclonal Antibody

<b>Catalog No</b>	BYmab-15864
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	CNTF
<b>Protein Name</b>	Ciliary neurotrophic factor (CNTF)
<b>Immunogen</b>	Synthetic Peptide of CNTF
<b>Specificity</b>	CNTF protein(A218) detects endogenous levels of CNTF
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	CNTF; Ciliary neurotrophic factor; CNTF
<b>Observed Band</b>	30kD
<b>Cell Pathway</b>	Cytoplasm.
<b>Tissue Specificity</b>	Nervous system.
<b>Function</b>	disease:Overexpressed in most acute myelogenous leukemia (AML) cases (27 over 29).,function:CNTF is a survival factor for various neuronal cell types. Seems to prevent the degeneration of motor axons after axotomy.,function:May be involved in transcriptional regulation. May play an important role in cell proliferation and/or anti-apoptosis.,online information:Ciliary neurotrophic factor entry,similarity:Belongs to the CNTF family.,similarity:Belongs to the krueppel C2H2-type zinc-finger protein family.,similarity:Contains 5 C2H2-type zinc fingers.,subunit:Homodimer.,tissue specificity:Expressed ubiquitously, particularly at high level in testis. Isoform 2 is testis specific.,tissue specificity:Nervous system.,

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## Background

The protein encoded by this gene is a polypeptide hormone whose actions appear to be restricted to the nervous system where it promotes neurotransmitter synthesis and neurite outgrowth in certain neuronal populations. The protein is a potent survival factor for neurons and oligodendrocytes and may be relevant in reducing tissue destruction during inflammatory attacks. A mutation in this gene, which results in aberrant splicing, leads to ciliary neurotrophic factor deficiency, but this phenotype is not causally related to neurologic disease. A read-through transcript variant composed of the upstream ZFP91 gene and CNTF sequence has been identified, but it is thought to be non-coding. Read-through transcription of ZFP91 and CNTF has also been observed in mouse. [provided by RefSeq, Oct 2010],

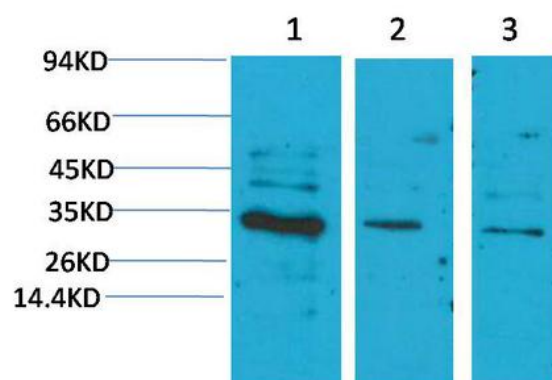
## matters needing attention

Avoid repeated freezing and thawing!

## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using CNTF Monoclonal Antibody

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