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# Mouse Anti-Human Brain-Derived Neurotrophic Factor mAHuBDNF

Product	Cat#	Package size
Mouse Anti-Human Brain-Derived Neurotrophic Factor	A1072.0500	500µg
Mouse Anti-Human Brain-Derived Neurotrophic Factor	A1072.1000	1000µg

## Synonyms:

BDNF, MGC34632.

## Product description

BDNF promotes the survival of neuronal populations that are all located either in the central nervous system or directly connected to it. Major regulator of synaptic transmission and plasticity at adult synapses in many regions of the CNS. The versatility of bdnf is emphasized by its contribution to a range of adaptive neuronal responses including long-term potentiation (ltp), long-term depression (ltd), certain forms of short-term synaptic plasticity, as well as homeostatic regulation of intrinsic neuronal excitability.

<b>Type:</b>	Mouse Anti Human Monoclonal
<b>Clone:</b>	NYRHBDNF
<b>Immunogen:</b>	rec. Human BDNF
<b>Ig Subclass:</b>	Mouse IgG
<b>Purification Method:</b>	Ion exchange
<b>Protein concentration:</b>	1mg/mL in PBS (after reconstitution)
<b>Formulation:</b>	Sterile filtered white lyophilized (freeze-dried) powder
<b>Shipping:</b>	Antibody is shipped lyophilized at ambient temperature
<b>Storage:</b>	In lyophilized form, for long periods, store at 4°C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.
<b>Reconstitution:</b>	Reconstitute with sterile water. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.
<b>Applications:</b>	Direct ELISA, Western Blot, Immunoprecipitation, Immunohistochemistry
<b>Titer:</b>	By direct ELISA, 1:10,000 dilution will yield 0.4 O.D. using alkaline phosphatase conjugated rabbit anti-mouse Ig (Jackson Laboratories).

This product is for research/laboratory usage only. It may not be used as drug, agricultural or pesticidal product, food additive or household chemical.