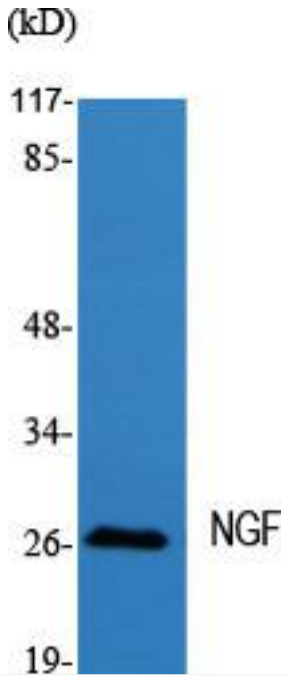
NGF Monoclonal Antibody

Catalog No	YP-mAb-12767
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NGF
Protein Name	Beta-nerve growth factor
Immunogen	The antiserum was produced against synthesized peptide derived from human NGF. AA range:33-82
Specificity	NGF Monoclonal Antibody detects endogenous levels of NGF protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NGF; NGFB; Beta-nerve growth factor; Beta-NGF
Observed Band	27kD
Cell Pathway	Secreted . Endosome lumen . ProNGF is endocytosed after binding to the cell surface receptor formed by SORT1 and NGFR. .
Tissue Specificity	Brain,Epithelium,Eye,Leukocyte,
Function	disease:Defects in NGF are the cause of hereditary sensory and autonomic neuropathy type 5 (HSAN5) [MIM:608654]. The hereditary sensory and autonomic neuropathies are a genetically and clinically heterogeneous group of disorders characterized by degeneration of dorsal root and autonomic ganglion cells, and by sensory and/or autonomic abnormalities. HSAN5 patients manifest loss of pain perception and impaired temperature sensitivity, ulcers, and in some cases self-mutilation. The autonomic involvement is variable.,function:Nerve growth factor is important for the development and maintenance of the sympathetic and sensory nervous systems. It stimulates division and differentiation of sympathetic and embryonic sensory neurons.,online information:Nerve growth factor entry,similarity:Belongs to the NGF-beta family.,subunit:Homodimer.,
Background	This gene is a member of the NGF-beta family and encodes a secreted protein which homodimerizes and is incorporated into a larger complex. This protein has

	nerve growth stimulating activity and the complex is involved in the regulation of growth and the differentiation of sympathetic and certain sensory neurons. Mutations in this gene have been associated with hereditary sensory and autonomic neuropathy, type 5 (HSAN5), and dysregulation of this gene's expression is associated with allergic rhinitis. [provided by RefSeq, Jul 2008],
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 NGF Monoclonal Antibody