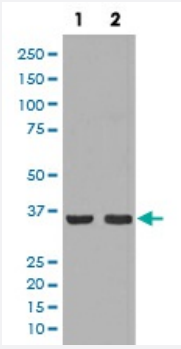
NGF monoclonal antibody, clone BDE-14

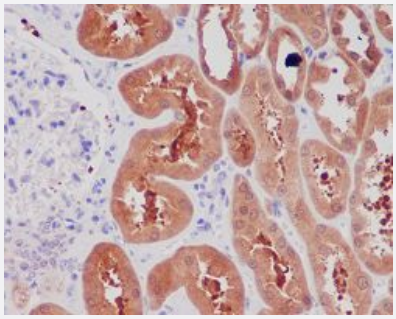
Catalog # MAB20243 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of (1)Mouse thyroid lysate;(2) HeLa cell lysate with NGF monoclonal antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded human kidney with NGF monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human NGF.
Immunogen	A synthetic peptide corresponding to human NGF.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Affinity purification
Isotype	IgG

Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of (1)Mouse thyroid lysate;(2) HeLa cell lysate with NGF monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of paraffin-embedded human kidney with NGF monoclonal antibody.

- Immunocytochemistry

- Immunofluorescence

Gene Info — NGF

Entrez GeneID	4803
Protein Accession#	P01138
Gene Name	NGF
Gene Alias	Beta-NGF, HSAN5, MGC161426, MGC161428, NGFB
Gene Description	nerve growth factor (beta polypeptide)
Omim ID	162030 608654
Gene Ontology	Hyperlink

Gene Summary	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
Other Designations	OTTHUMP00000013653|beta-nerve growth factor|nerve growth factor, beta polypeptide|nerve growth factor, beta subunit

Pathway

- Apoptosis
- MAPK signaling pathway
- Neurotrophin signaling pathway

Disease

- Alzheimer disease
- Anxiety Disorders
- Asperger Syndrome
- Asthma
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Bronchiolitis
- Dermatitis
- Disease Models
- Eating Disorders
- Genetic Predisposition to Disease
- Hereditary Sensory and Autonomic Neuropathies
- Infant
- Kidney Failure

- Mental Disorders
- Multiple Sclerosis
- Personality Assessment
- Psychiatric Status Rating Scales
- Respiratory Syncytial Virus Infections
- Social Perception