

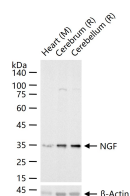
bsm-52362R**[Primary Antibody]****NGF Recombinant Rabbit mAb****Bioss**
ANTIBODIES

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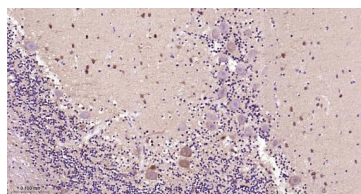
sales@bioss.com.cn

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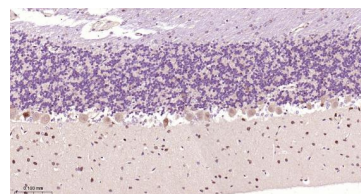
400-901-9800

DATASHEET**Host:** Rabbit**Clonality:** Recombinant**GeneID:** 4803**Target:** NGF**Immunogen:** A synthesized peptide derived from human beta NGF: 202-241.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**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]**Isotype:** IgG**CloneNo.:** 11G1**SWISS:** P01138**Applications:** **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ICC/IF (1:50-200)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 13/32 kDa**Observed MW.:** 35 kDa**Subcellular Location:** Secreted**VALIDATION IMAGES**

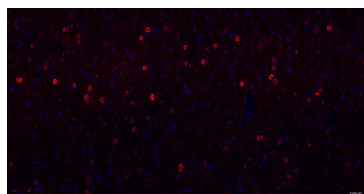
25 ug total protein per lane of various lysates (see on figure) probed with NGF monoclonal antibody, unconjugated (bsm-52362R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



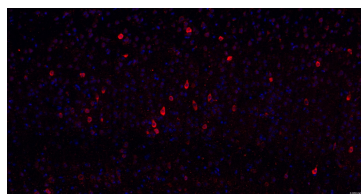
Paraformaldehyde-fixed, paraffin embedded Human Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NGF Monoclonal Antibody, Unconjugated(bsm-52362R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NGF Monoclonal Antibody, Unconjugated(bsm-52362R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with NGF Monoclonal Antibody, Unconjugated (bsm-52362R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red, bs-0295G-BF594), DAPI (blue, C02-04002) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with NGF Monoclonal Antibody, Unconjugated (bsm-52362R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red, bs-0295G-BF594), DAPI (blue, C02-04002) was used to stain the cell nuclei.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

— SELECTED CITATIONS —

- **[IF=19]** Xilong Zhang, et al. Flexible Wireless Electrical Stimulator Based on Liquid Metal High-Density Coils for Chronic Pain Therapy. ADV FUNCT MATER. 2025 Sep;;e19707 IF ;Rat. 10.1002/adfm.202519707