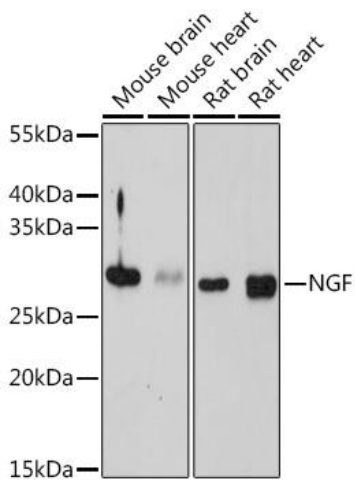
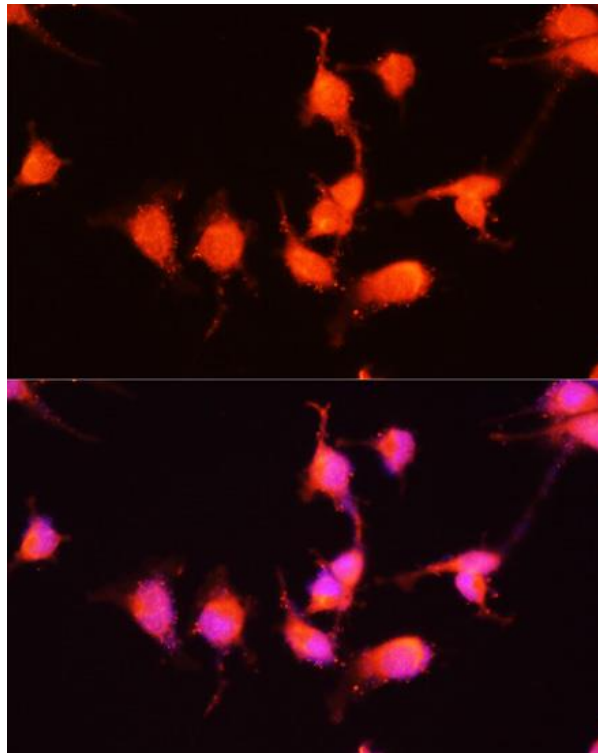


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|--------------------------|---|
| <b>Product name:</b>     | NGF   |
| <b>Cat number:</b>       | AB-84217  |
| <b>Conjugate:</b>        | Unconjugated  |
| <b>Size:</b>             | 100 ug  |
| <b>Clone:</b>            | POLY  |
| <b>Concentration:</b>    | 1mg/ml  |
| <b>Host:</b>             | Rb  |
| <b>Isotype:</b>          | IgG   |
| <b>Immunogen:</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 19-241 of human NGF.  |
| <b>Reactivity:</b>       | Hu, Ms, Rt  |
| <b>Applications:</b>     | Western Blot: 1:500 - 1:1000 Immunohistochemistry: 1:50 - 1:100<br>Immunofluorescence: 1:50 - 1:100   |
| <b>Molecular Weight:</b> | 30kDa   |
| <b>Purification:</b>     | Aff. Pur.   |
| <b>Form:</b>             | Liquid  |
| <b>Buffer:</b>           | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.   |
| <b>Storage:</b>          | Store at -20°C. Avoid freeze / thaw cycles.   |
| <b>Background:</b>       | 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. |



Western blot analysis of extracts of various cell lines, using NGF antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 180s.



Immunofluorescence analysis of U-251MG cells using NGF antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.