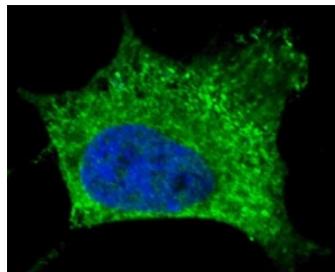


## NGFR Antibody [clone 8G3G10] (F53510)

| Catalog No.   | Formulation                                | Size    |
|---------------|--|---------|
| F53510-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F53510-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

[Bulk quote request](#)

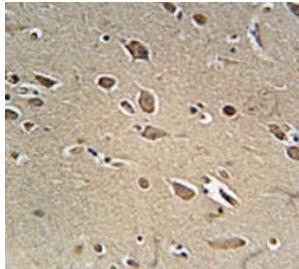
|                    |  |
|--------------------|--|
| Availability       | 1-3 business days  |
| Species Reactivity | Human, Mouse   |
| Format             | Purified   |
| Host               | Mouse  |
| Clonality          | Monoclonal (mouse origin)  |
| Isotype            | Mouse IgG2b, k   |
| Clone Name         | 8G3G10   |
| Purity             | Purified   |
| UniProt            | P08138   |
| Applications       | Immunofluorescence : 1:100<br>Western Blot : 1:500-1:1000<br>IHC (Paraffin) : 1:50-1:100 |
| Limitations        | This NGFR antibody is available for research use only.                                   |



Fluorescent confocal image of SY5Y cells stained with NGFR antibody. Alexa Fluor 488 secondary Ab (green) was used (1:1000, 1h). Nuclei were counterstained with Hoechst 33342 (blue) (10 ug/ml, 5 min).

250  
130  
95  
72  
55

Western blot analysis of NGFR antibody and mouse heart tissue lysate. Predicted molecular weight ~45/75kDa (unmodified/glycosylated).



NGFR antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue.

## Description

Nerve growth factor receptor contains an extracellular domain containing four 40-amino acid repeats with 6 cysteine residues at conserved positions followed by a serine/threonine-rich region, a single transmembrane domain, and a 155-amino acid cytoplasmic domain. The cysteine-rich region contains the nerve growth factor binding domain.

## Application Notes

Titration of the NGFR antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

This NGFR antibody was produced from mouse immunized with NGFR recombinant protein.

## Storage

Aliquot the NGFR antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.