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## anti-NGFR antibody

3 Images



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### Overview

Quantity:	400 μL
Target:	NGFR
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NGFR antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### **Product Details**

Immunogen:	This NGFR antibody is generated from mouse immunized with NGFR recombinant protein.
Clone:	8G3G10
Isotype:	IgG2b kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

## **Target Details**

Target:	NGFR
Alternative Name:	NGFR (NGFR Products)
Background:	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

## **Target Details**

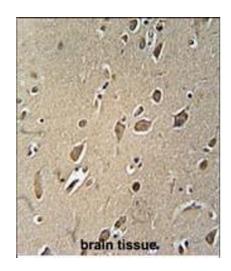
	cysteine-rich region contains the nerve growth factor binding domain.
Molecular Weight:	45183
Gene ID:	4804
NCBI Accession:	NP_002498
UniProt:	P08138
Pathways:	NF-kappaB Signaling, Neurotrophin Signaling Pathway, Carbohydrate Homeostasis, Growth Factor Binding

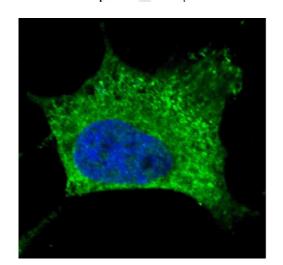
## **Application Details**

Application Notes:	IF: 1:100. WB: 1:500~1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months





#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** NGFR Antibody (ABIN2802041 and ABIN6577055) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the NGFR Antibody for immunohistochemistry. Clinical relevance has not been evaluated.

#### **Western Blotting**

**Image** 2. Western blot analysis of NGFR Antibody (ABIN2802041 and ABIN6577055) in mouse heart tissue lysates (35  $\mu$ g/lane).NGFR (arrow) was detected using the purified Mab.(1:1000)

### **Immunofluorescence**

**Image 3.** Fluorescent confocal image of SY5Y cells stained with NGFR antibody SY5Y cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.2 %, 30 min). Cells were then incubated with (ABIN2802041 and ABIN6577055) NGFR primary antibody (1:100, 2 h at room temperature). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-mouse antibody (green) was used (1:1000, 1h). Nuclei were counterstained with Hoechst 33342 (blue) (10 µg/mL, 5 min).