

Datasheet for ABIN3031960

anti-NGFR antibody

5 Images

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Overview

Quantity:	0.4 mL
Target:	NGFR
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NGFR antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	This NGFR antibody was produced from mouse immunized with NGFR recombinant protein.
Clone:	8G3G10
Isotype:	IgG2b kappa
Purification:	Purified

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 cysteine-rich region contains the nerve growth factor binding domain.

Target Details

UniProt: [P08138](#)

Pathways: [NF-kappaB Signaling](#), [Neurotrophin Signaling Pathway](#), [Carbohydrate Homeostasis](#), [Growth Factor Binding](#)

Application Details

Application Notes: Titration of the NGFR antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Immunofluorescence: 1:100,Western blot: 1:500-1:1000,IHC (Paraffin): 1:50-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

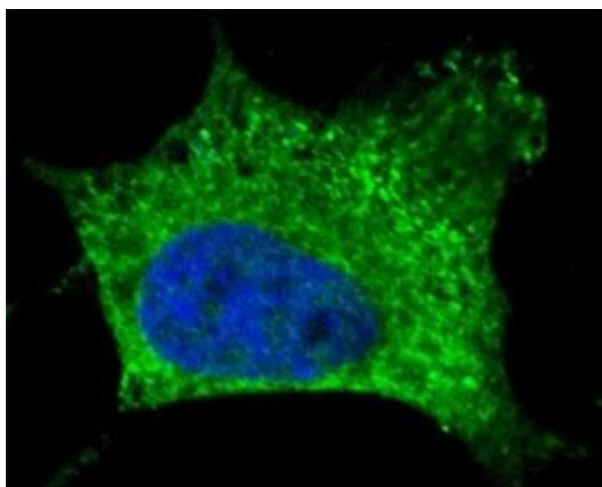
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

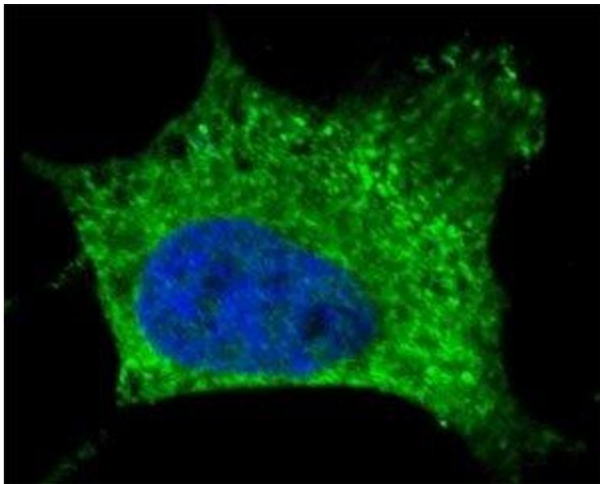
Storage Comment: Aliquot the NGFR antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



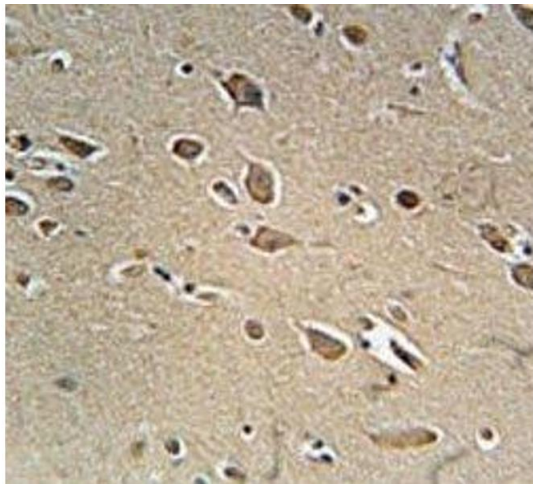
Immunofluorescence

Image 1. 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).



Immunofluorescence

Image 2. 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).



Immunohistochemistry

Image 3. NGFR antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3031960.