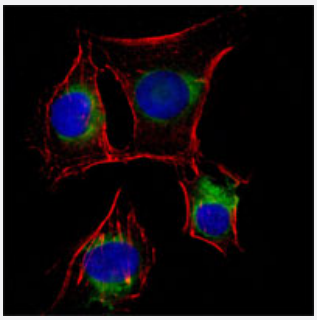
NGFR monoclonal antibody, clone 2F1C2

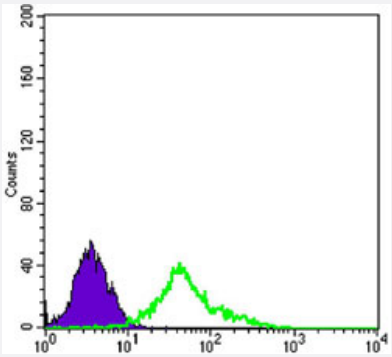
Catalog # MAB10831 Size 100 uL

Applications



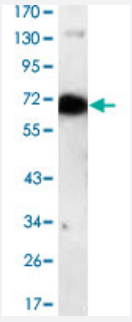
Immunofluorescence

Immunofluorescence analysis of EC cells (rat aortic endothelial cells) using NGFR monoclonal antibody, clone 2F1C2 (Cat # MAB10831) (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



Flow Cytometry

Flow cytometric analysis of EC cells (rat aortic endothelial cells) using NGFR monoclonal antibody, clone 2F1C2 (Cat # MAB10831) (green) and negative control (purple).



Western Blot (Transfected lysate)

Western blot analysis using NGFR monoclonal antibody, clone 2F1C2 (Cat # MAB10831) against NGFR-hIgGFc transfected HEK293 cell lysate.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant NGFR.

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Immunogen	Recombinant protein corresponding to human NGFR.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunofluorescence (1:200-1:1000) Flow cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence

  Immunofluorescence analysis of EC cells (rat aortic endothelial cells) using NGFR monoclonal antibody, clone 2F1C2 (Cat # MAB10831) (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

- Flow Cytometry

  Flow cytometric analysis of EC cells (rat aortic endothelial cells) using NGFR monoclonal antibody, clone 2F1C2 (Cat # MAB10831) (green) and negative control (purple).

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Transfected lysate)

  Western blot analysis using NGFR monoclonal antibody, clone 2F1C2 (Cat # MAB10831) against NGFR-hIgGFc transfected HEK293 cell lysate.

Gene Info — NGFR

Entrez GeneID	4804

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Gene Name	NGFR
Gene Alias	CD271, Gp80-LNGFR, TNFRSF16, p75(NTR), p75NTR
Gene Description	nerve growth factor receptor (TNFR superfamily, member 16)
Omim ID	162010
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	low affinity nerve growth factor receptor|low-affinity nerve growth factor receptor|nerve growth factor receptor

Pathway

- Cytokine-cytokine receptor interaction
- Neurotrophin signaling pathway

Disease

- Alzheimer disease
- Asperger Syndrome
- Asthma
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Bronchiolitis
- Celiac Disease
- Depressive Disorder
- Disease Models
- Eating Disorders
- Genetic Diseases

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- Genetic Predisposition to Disease
- Infant
- Kidney Failure
- Mental Disorders
- Multiple Sclerosis
- Respiratory Syncytial Virus Infections
- Social Perception

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