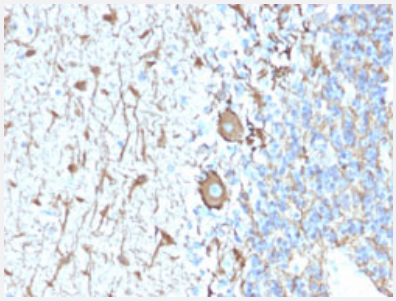
RecomAb™

NEFH recombinant monoclonal antibody, clone NEFL.H/2324R

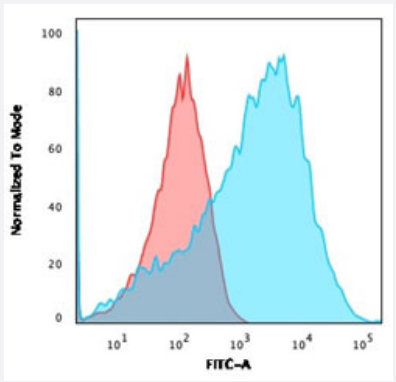
Catalog # RAB00592 Size 100 ug

Applications



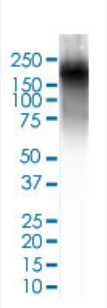
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human cerebellum.



Flow Cytometry

Flow cytometric analysis of HEK293 cells. Goat anti-mouse IgG-CF488 (Blue) ; Isotype Control (Red).



Western Blot (Tissue lysate)

Western Blot (tissue lysate) analysis of human brain.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against full length human NEFH.

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Antibody Species	Rabbit
Immunogen	Recombinant protein corresponding to full-length human NEFH.
Reactivity	Chicken, Human, Mouse, Pig, Rat
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1-2 ug/million cells) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1 mg/mL PBS
Storage Instruction	Store at -20 to -80°C.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human cerebellum.

- Flow Cytometry

  Flow cytometric analysis of HEK293 cells. Goat anti-mouse IgG-CF488 (Blue) ; Isotype Control (Red).

- Western Blot (Tissue lysate)

  Western Blot (tissue lysate) analysis of human brain.

Gene Info — NEFH

Entrez GeneID	4744
Protein Accession#	P12036
Gene Name	NEFH
Gene Alias	NFH
Gene Description	neurofilament, heavy polypeptide
Omim ID	105400 162230

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Gene Ontology	Hyperlink
Gene Summary	Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and functionally maintain neuronal caliber . They may also play a role in intracellular transport to axons and dendrites. This gene encodes th e heavy neurofilament protein. This protein is commonly used as a biomarker of neuronal damage and susceptibility to amyotrophic lateral sclerosis (ALS) has been associated with mutations in thi s gene. [provided by RefSeq
Other Designations	neurofilament triplet H protein|neurofilament, heavy polypeptide 200kDa

Pathway

- Amyotrophic lateral sclerosis (ALS)

Disease

- Amyotrophic lateral sclerosis
- Dominance
- Genetic Predisposition to Disease
- Motor Neuron Disease
- Multiple Sclerosis
- Schizophrenia

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