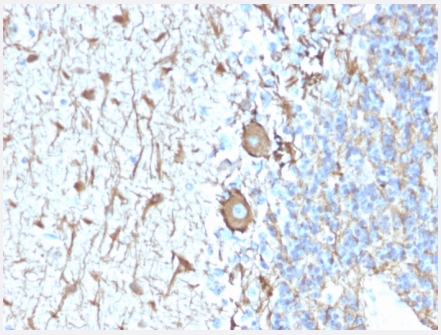
RecomAb™ Sm Size

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

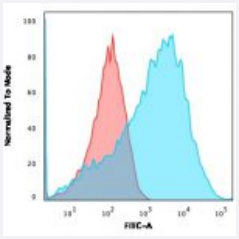
Catalog # RAB08960 Size 20 ug

Applications



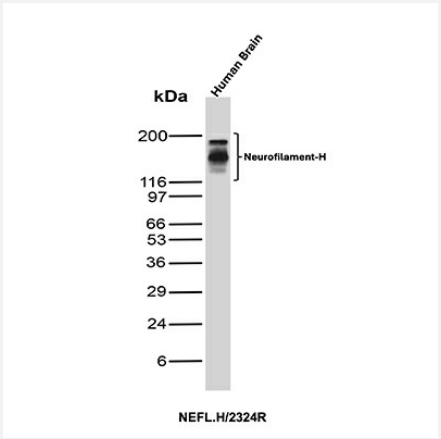
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Product Description	Rabbit recombinant monoclonal antibody raised against full length human NEFH.
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 10 mM PBS (0.05% BSA and 0.05% azide)
Storage Instruction	Store at 4°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

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Alias	NFH
Gene Description	neurofilament, heavy polypeptide
Omim ID	105400 162230
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

Copyright © 2023 Abnova Corporation. All Rights Reserved.