

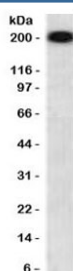
Recombinant NF-H Antibody / Neurofilament Heavy [clone NFHP-1R] (V7413)

Catalog No.	Formulation	Size
V7413-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7413-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7413SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7413IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

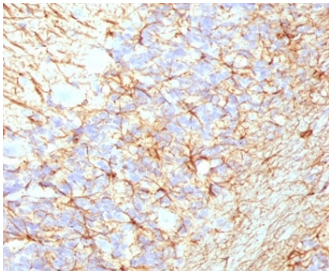
Recombinant **RABBIT MONOCLONAL**

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Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	NFHP-1R
Purity	Protein A affinity
UniProt	P12036
Localization	Cytoplasmic, membranous
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Prediluted IHC Only Format : incubate for 30 min at RT (1)
Limitations	This recombinant NF-H antibody is available for research use only.



Western blot testing of human brain lysate with recombinant NF-H antibody (clone NFHP-1R). Expected molecular weight ~200 kDa.



IHC staining of FFPE human cerebellum with recombinant NF-H antibody (clone NFHP-1R). Required HIER: boil tissue sections in 10mM citrate buffer, pH6, for 10-20 min and allow to cool before testing.

Description

Neurofilaments make up the main structural elements of axons and dendrites and are found in neurons, peripheral nerves, and sympathetic ganglion cells. Neurofilaments consist of three major subunits with molecular weights of 68kDa (NF-L), 160kDa (NF-M) and 200kDa (NF-H).

Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant NF-H antibody may be required due to differences in protocols and secondary/substrate sensitivity.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Recombinant human protein (heavy subunit) was used as the immunogen for the recombinant NF-H antibody.

Storage

Store the recombinant NF-H antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).