

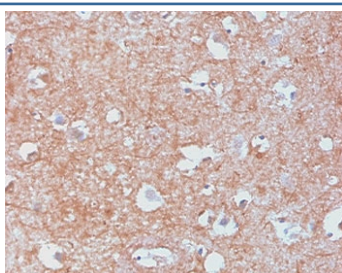
## Recombinant NF-L Antibody / Neurofilament Light [clone MSI27-2R] (V7469)

Catalog No.	Formulation	Size
V7469-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7469-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7469SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7469IHC-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**

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	MSI27-2R
Purity	Protein A affinity chromatography
UniProt	P07196
Localization	Cytoplasmic, membranous
Applications	Immunohistochemistry (FFPE) : 0.5-1ug/ml for 30 min at RT Prediluted IHC Only Format : incubate for 30 min at RT (1)
Limitations	This recombinant NF-L antibody is available for research use only.



IHC staining of human cerebellum with recombinant NF-L antibody (clone MSI27-2R).  
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.

## Description

Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and they functionally maintain the neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. [RefSeq]

## Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant NF-L 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 was used as the immunogen for the recombinant NF-L antibody.

## Storage

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