

## Neurofilament Heavy Antibody [clone RT97] (V2213)

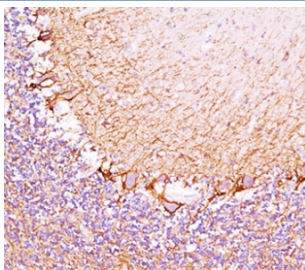
Catalog No.	Formulation	Size
V2213-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2213-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2213SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2213IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml



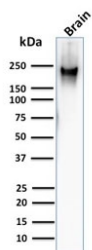
Citations (8)

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Species Reactivity	Human, Mouse, Rat
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	RT97
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	4744
Localization	Cytoplasmic, membranous
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 0.25-0.5ug/ml for 30 min at RT
Limitations	This <b>Neurofilament Heavy antibody</b> is available for research use only.



IHC testing of cerebellum stained with Neurofilament Heavy antibody (RT97).



Western blot testing of human brain lysate with Neurofilament Heavy antibody (clone RT97).

## Description

### Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the antibody to be titrated up or down for optimal performance.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes.
2. 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

The triton-X 100 insoluble protein fraction of rat brain was used as the immunogen for this Neurofilament Heavy antibody.

### Storage

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

### Alternate Names

NEFH; Neurofilament H; Neurofilament Heavy Polypeptide 200kDa; NF-H; NF200, Neurofilament heavy antibody

### References (1)