

Neurofilament (NF-H) (Neuronal Marker) Antibody

Mouse Monoclonal Antibody [Clone NEFH/15684]

Catalog No	Format	Size
4744-MSM6-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
4744-MSM6-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4744-MSM6-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	NEFH/15684
Immunogen	Recombinant fragment (around aa 327-468) of human NEFH protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1
Mol. Weight of Antigen	111.84kDa
Cellular Localization	Axon, Cell projection, Cytoplasm, Cytoskeleton
Species Reactivity	Human

**Optimal dilution for a specific application should be determined.*

Product Images for Neurofilament (NF-H) (Neuronal Marker) Antibody

Specificity & Comments

Neurofilaments usually contain three intermediate filament proteins: NEFL, NEFM, and NEFH which are involved in the maintenance of neuronal caliber. NEFH has an important function in mature axons that is not subserved by the two smaller NF proteins. May additionally cooperate with the neuronal intermediate filament proteins PRPH and INA to form neuronal filamentous networks (By similarity).

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.