

NEFM Monoclonal Antibody (RNF 406)

Product Details

Size	100 µL
Species Reactivity	Bovine, Guinea pig, Hamster, Human, Non-human primate, Rabbit, Rat, Xenopus
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	RNF 406
Conjugate	Unconjugated
Immunogen	Neurofilament preparation of calf brain tissue
Form	Liquid
Concentration	1 mg/mL
Purification	purified
Storage buffer	PBS
Contains	0.09% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_325535

Applications	Tested Dilution	Publications
Western Blot (WB)	1:100-1:500	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100	-
Immunohistochemistry (Frozen) (IHC (F))	1:50-1:100	-

Product Specific Information

OMA1-06111 specifically detects the phosphorylated 160 kDa neurofilament from human, guinea pig, hamster, non-human primate, rabbit and xenopus tissues.

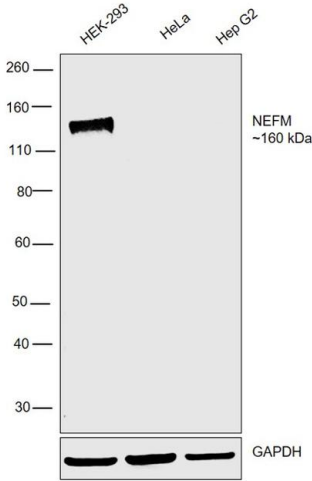
OMA1-06111 has been successfully used in Western blot and immunohistochemistry (frozen) procedures. By Western blot, this antibody detects an ~160 kDa protein representing the phosphorylated form of the 160 kDa neurofilament in human brain extract.

OMA1-06111 antigen is cytoskeletal preparation of calf brain tissue.

Product Images For NEFM Monoclonal Antibody (RNF 406)

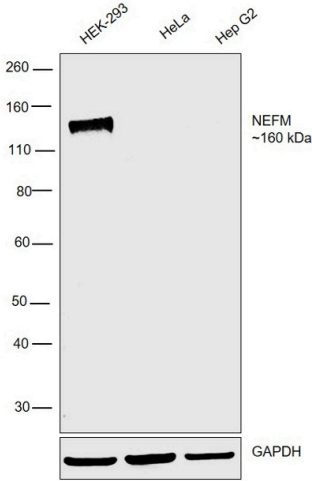
NEFM Antibody (OMA1-06111) in WB

Western blot was performed using Anti-NEFM Monoclonal Antibody (RNF 406) (Product # OMA1-06111) and a 160 kDa band corresponding to NEFM was observed in HEK-293 cell line but not in HeLa and Hep G2 cell line which are reported to be negative. Membrane enriched extracts (30 µg lysate) of HEK-293 (Lane 1), HeLa (Lane 2) and Hep G2 (Lane 3) were electrophoresed using Novex® NuPAGE® 4-12 % Bis-Tris gel (Product # NP0321BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:500 dilution) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



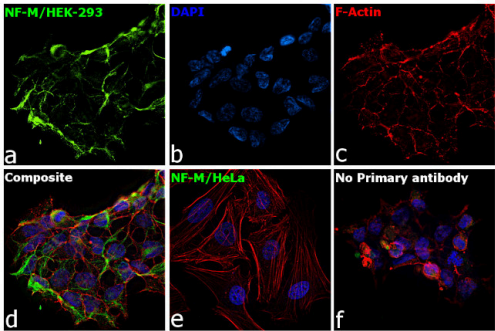
NEFM Antibody (OMA1-06111)

Antibody specificity was demonstrated by detection of differential basal expression of the target across tissues owing to their inherent genetic constitution. The protein expression was observed in HEK-293 and not in HeLa and Hep G2 using NEFM Polyclonal Antibody (Product # OMA1-06111) in western blot. {RE}



NEFM Antibody (OMA1-06111)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines tested owing to their inherent genetic constitution. Relative expression of NFM was observed in HEK-293 cells in intermediate filaments of cytoskeleton, in comparison to HeLa using Anti-NFM Monoclonal Antibody (Product # OMA1-06111) in immunofluorescence. {RE}



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