

KD-Validated Anti-NEFM Mouse Monoclonal Antibody

Mouse monoclonal antibody

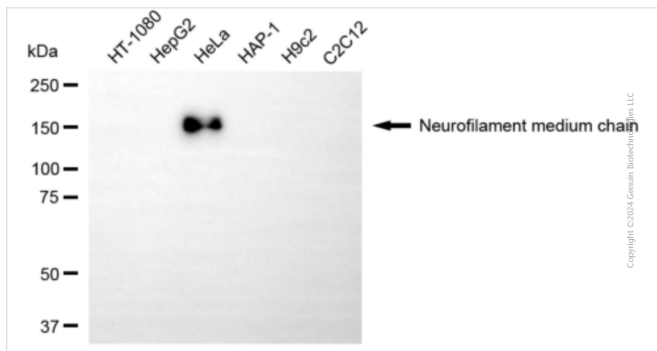
ABG1923

Product Overview

Name	KD-Validated Anti-NEFM Mouse Monoclonal Antibody
Accession(Primary)	P07197
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human NEFM
Species Reactivity	Human
Calculated MW	Predicted, 102 kDa, observed, 150 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:2,500-1:5,000 Flow Cytometry (FCM): 1:2,000

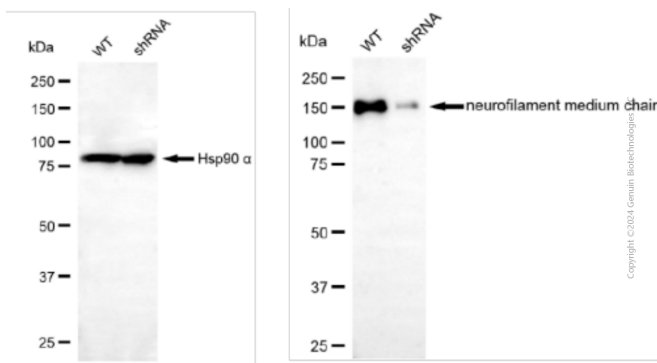
Target information (P07197)

Gene Name	NEFM
About Gene Symbol	NEFM (Neurofilament Medium Chain) is a structural cytoskeletal protein involved in cytoskeletal organization. It is an important research target in cell biology, cancer metastasis, and cytoskeletal research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



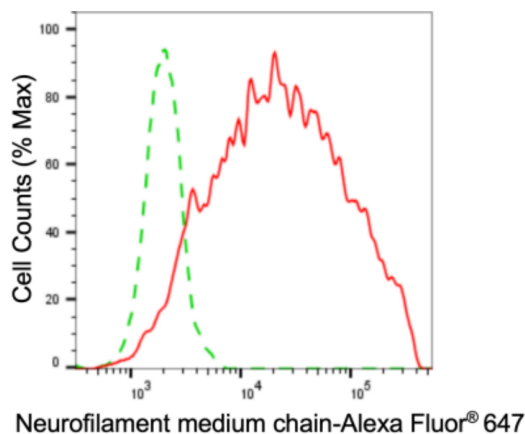
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Western blotting analysis using anti-neurofilament medium chain antibody (Cat#ABG1923). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-neurofilament medium chain antibody (Cat#ABG1923, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Western blotting analysis using anti-neurofilament medium chain antibody (Cat#ABG1923). Neurofilament medium chain expression in wild type (WT) and neurofilament medium chain (NEFM) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-neurofilament medium chain antibody (Cat#ABG1923, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Flow cytometric analysis of Neurofilament medium chain expression in HeLa cells using anti-Neurofilament medium chain antibody (Cat#ABG1923, 1:2,000). Green, isotype control; red, Neurofilament medium chain.