DATASHEET

NEFM Mouse Monoclonal Antibody(C2871)

CAT. NO. AMA02483

KEY FEATURES

Target	NEFM	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Neurofilaments usually contain three intermediate filament proteins: NEFL, NEFM, and NEFH which are involved in the maintenance of neuronal caliber. May additionally cooperate with the neuronal intermediate filament proteins PRPH and INA to form neuronal filamentous networks .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
FC	1:100 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal to NEFM
Specificity	Recognizes endogenous levels of NEFM protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human NEFM expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 102 kD; Observed: 95 kD kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	NEF3; NFM; Neurofilament medium polypeptide; NF-M; 160 kDa neurofilament protein; Neurofilament 3; Neurofilament triplet M protein
Gene Symbol	NEFM
Entrez Gene	4741(Human)
SwissProt	P07197(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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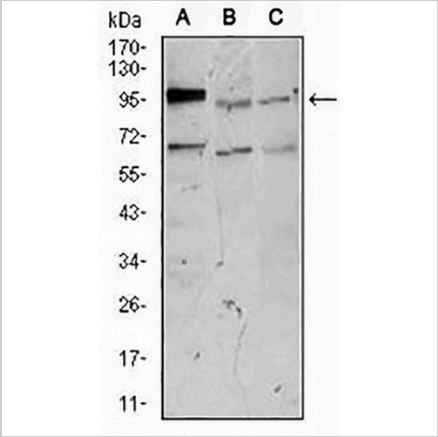
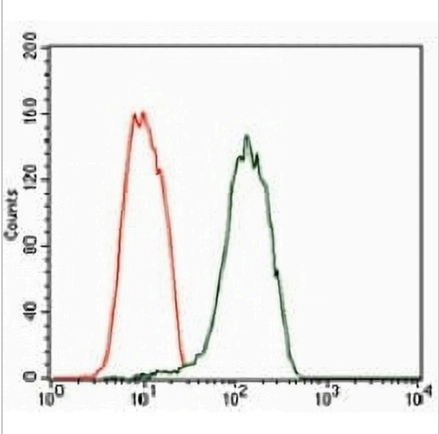


Western blot analysis of NEFM expression in NTERA2 (A), SKNSH (B), PC12 (C) whole cell lysates. (Predicted band size: 102 kD; Observed band size: 95 kD kD)



Flow cytometric analysis of SKNSH cells using Anti-NEFM Antibody (green) and negative control (red).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.