Anti-Neurofilament Medium Chain Recombinant Rabbit Monoclonal Antibody

GenuIN BIOTECH
REAL MATTERS

Catalog #: 2530

Aliases

NEFM; Neurofilament Medium Chain; NF-M; NFM; NEF3; Neurofilament, Medium Polypeptide 150kDa; Neurofilament Medium Polypeptide; Neurofilament Triplet M Protein; 160 KDa Neurofilament Protein; Neurofilament 3; Neurofilament, Medium Polypeptide; Neurofilament-3 (150 KD Medium); Neurofilament Medium

Background

Gene Name: NEFM
NCBI Gene Entry: 4741
UniProt Entry: P07197

Application Information

Molecular Weight: Predicted, 103 kDa; observed, 160 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB1275
Species Reactivity: Human, mouse
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human NEFM

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000
Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:100-1:1,000

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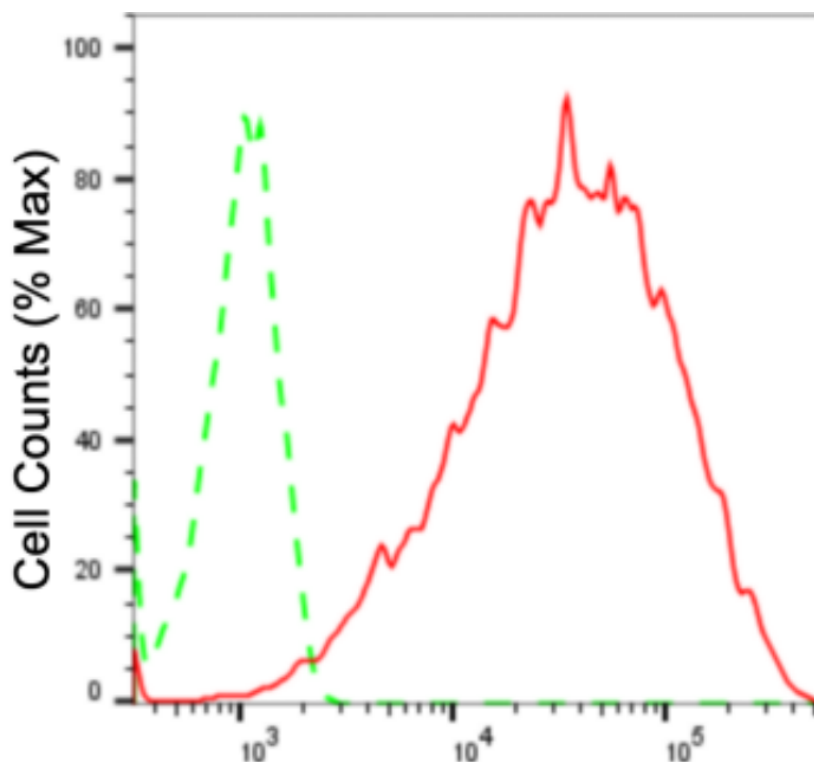**WWW.GENUINBIOTECH.COM**

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Note: This product is for research use only.

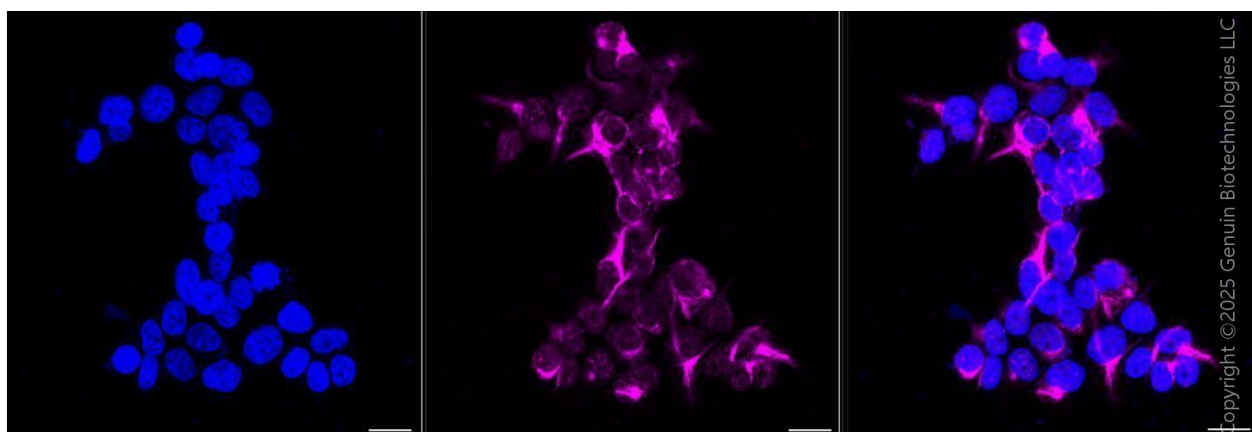## Validation Data

Flow cytometric analysis of Neurofilament medium chain expression in Hela cells using anti-Neurofilament medium chain antibody (Cat#2530, 1:2,000). Green, isotype control; red, Neurofilament medium chain.

Immunocytochemical staining of Hela cells with anti-Neurofilament medium chain antibody (Cat#2530, 1:1,000) . Nuclei were stained blue with DAPI; Neurofilament medium chain was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein

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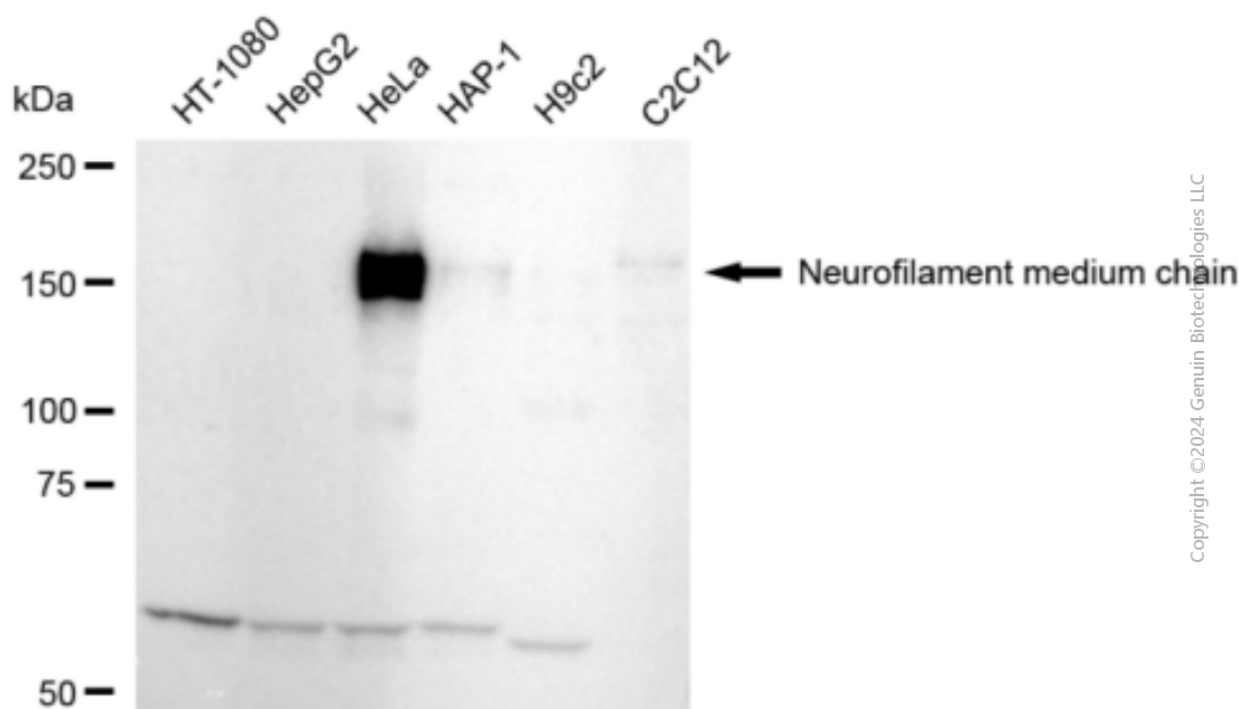TEL: +1-540-855-7041

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abundance based on laser Intensity and smart gain: High. Scale bar, 20 μm.

Western blotting analysis using anti-Neurofilament medium chain antibody (Cat#2530). 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#2530, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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