

Catalog #: 6109

Aliases

NPTN; Neuroplastin; SDR1; SDFR1; GP55; GP65; Np65; Np55; Stromal Cell Derived Factor Receptor 1; Stromal Cell-Derived Receptor 1; SDR-1

Background

NCBI Gene Entry: [27020](#)

UniProt Entry: [Q9Y639](#)

Application Information

Molecular Weight: Predicted, 44 kDa; observed, 44-80 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB6900

Species Reactivity: Human

Applications Tested: Western blotting (WB), flow cytometry (FCM)

Immunogen

Recombinant protein of human NPTN

Isotype

Mouse IgG1

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): 1:500-1:2,500

Flow Cytometry (FCM): 1:200-1:2,000

Note: This product is for research use only.

Validation Data

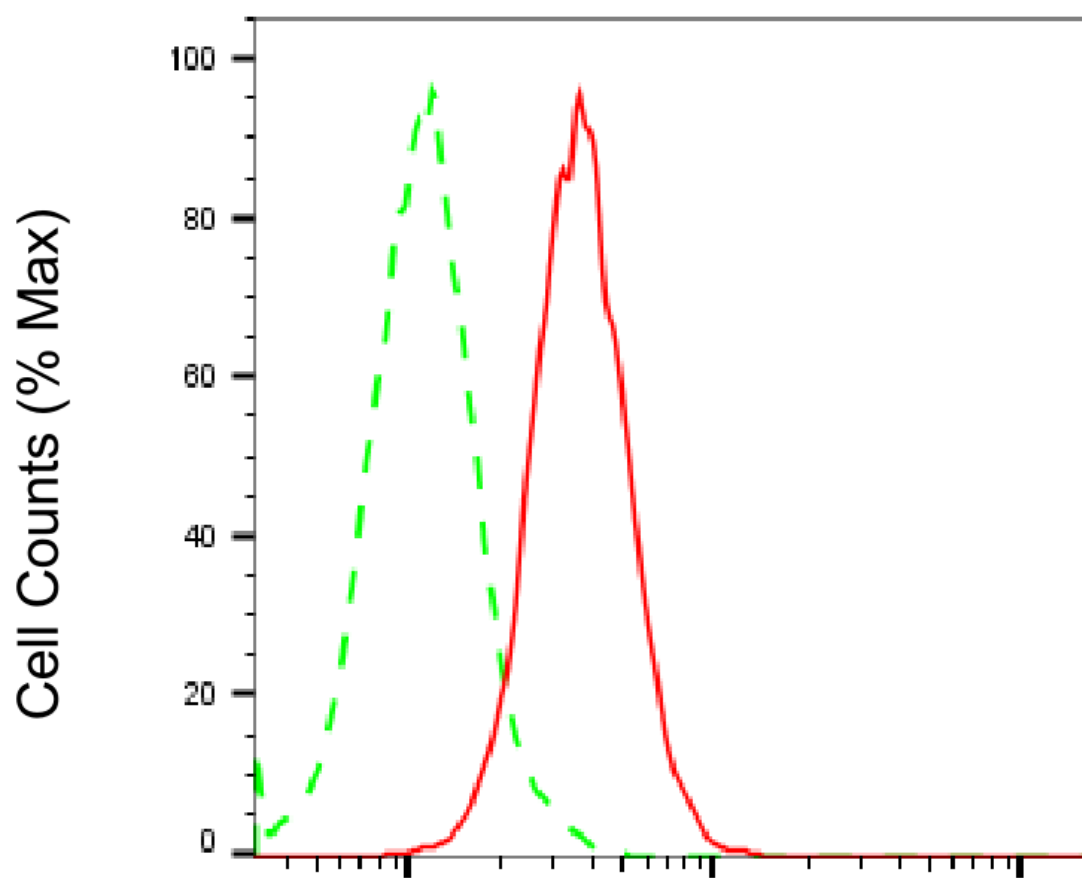
SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM



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Neuroplastin-Alexa Fluor® 647

Flow cytometric analysis of Neuroplastin expression in HAP-1 cells using anti-Neuroplastin antibody (Cat#6109, 1:2,000). Green, isotype control; red, Neuroplastin.

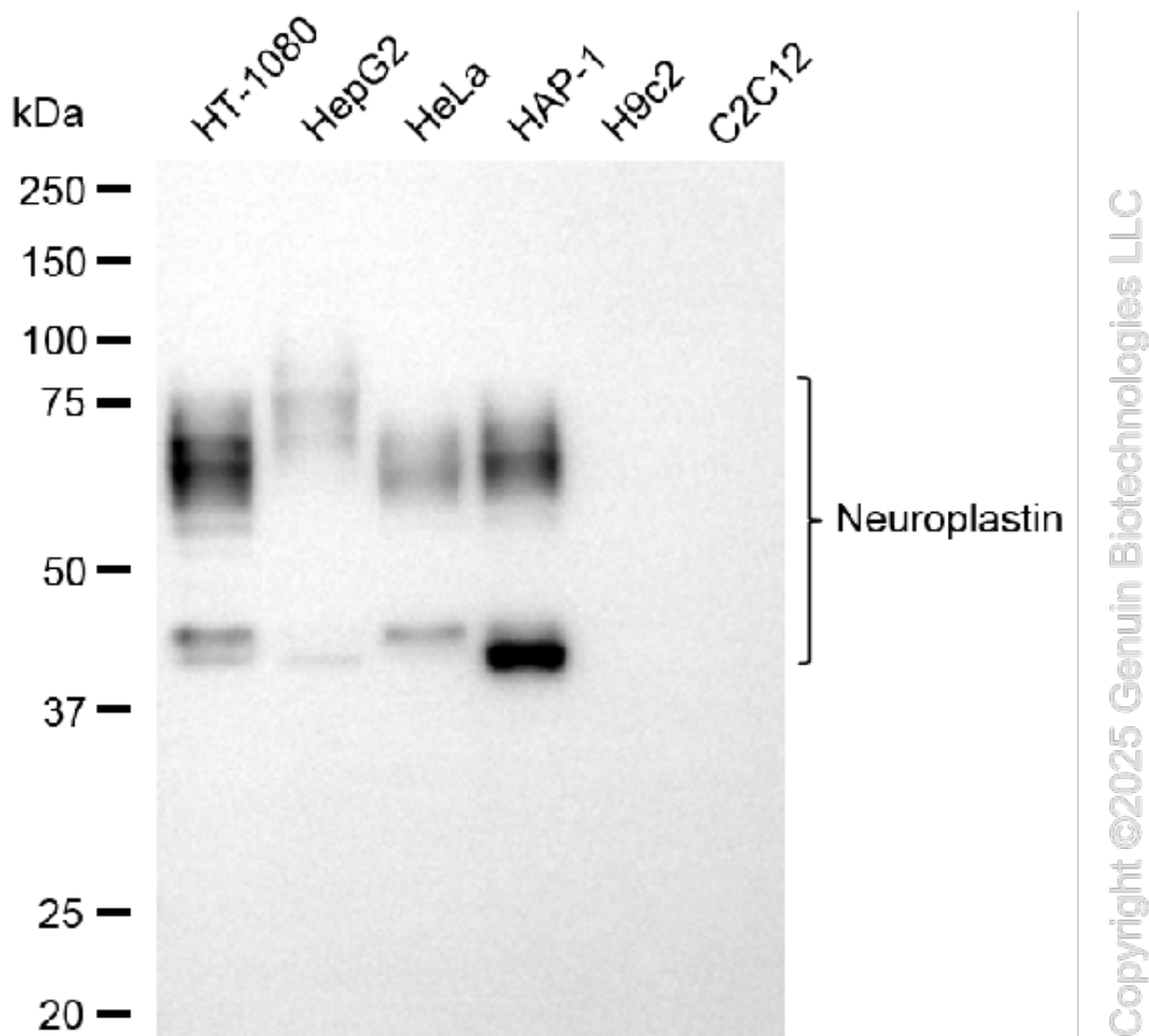
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Western blotting analysis using anti-neuroplastin antibody (Cat#6109). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-neuroplastin antibody (Cat#6109, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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