Anti-Neuropilin 1 Recombinant Rabbit Monoclonal Antibody

Catalog #: 2294

Aliases

Neuropilin 1; VEGF165R; NRP; CD304; Vascular Endothelial Cell Growth Factor 165 Receptor; Neuropilin-1; Transmembrane Receptor; CD304 Antigen; BDCA4; NP1

Background

Gene Name: NRP1
NCBI Gene Entry: 8829
UniProt Entry: O14786

Application Information

Molecular Weight: Predicted, 103 kDa; observed, 120 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB180
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Neuropilin 1

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

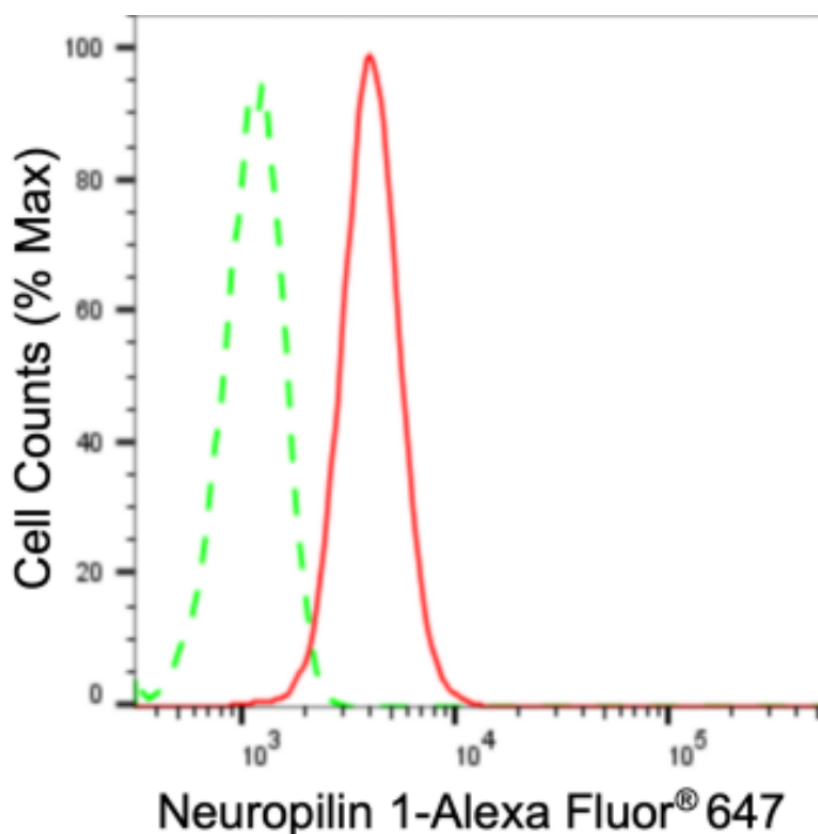**Note:** This product is for research use only.

Validation Data

SUPPORT
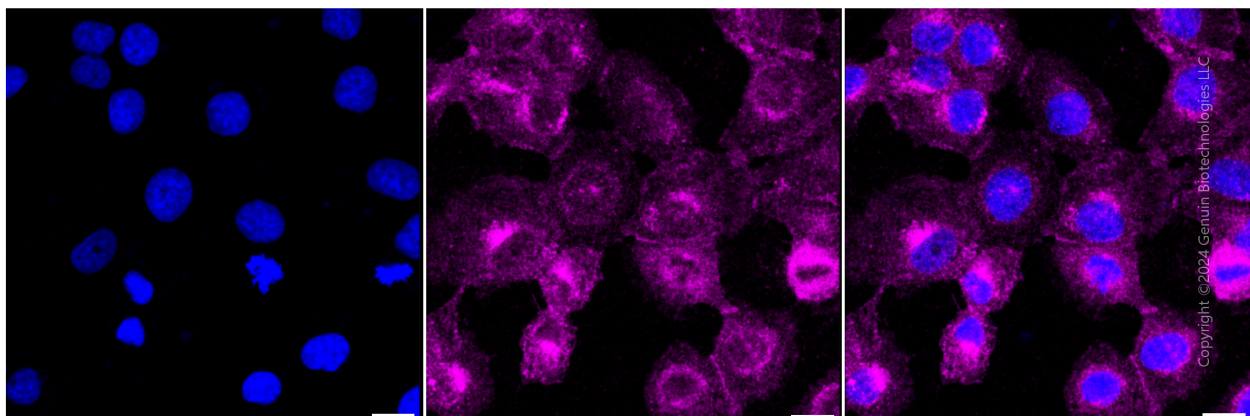SUPPORT@GENUINBIOTECH.COM
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Flow cytometric analysis of Neuropilin 1 expression in HT-1080 cells using Neuropilin 1 antibody (Cat#2294, 1:2,000). Green, isotype control; red, Neuropilin 1.

Immunocytochemical staining of HT-1080 cells with anti-Neuropilin 1 antibody (Cat#2294, 1:1,000). Nuclei were stained blue with DAPI; Neuropilin 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μm.
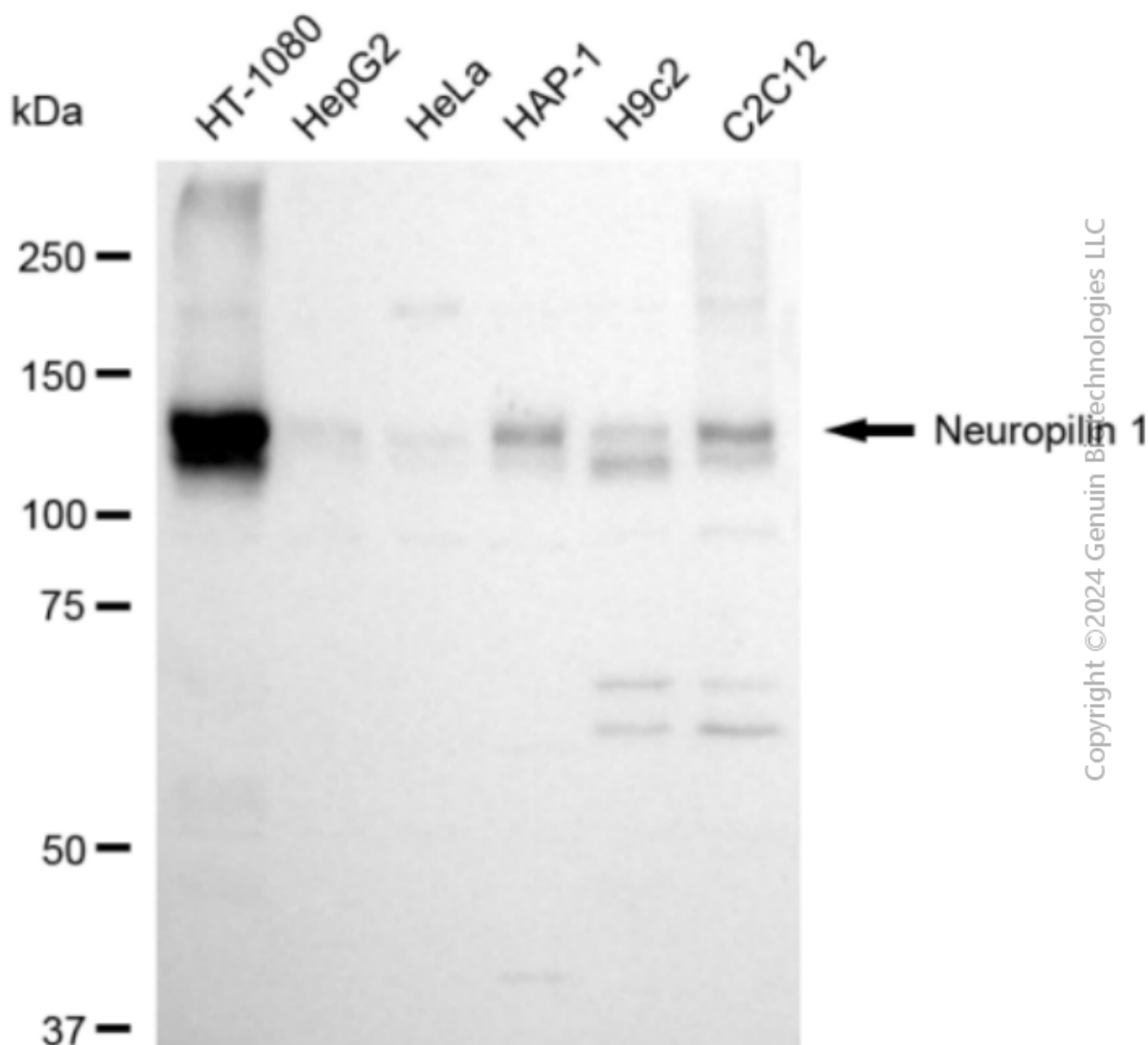
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Western blotting analysis using anti-Neuropilin 1 antibody (Cat#2294). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Neuropilin 1 antibody (Cat#2294, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).