

Anti-NEK7 Recombinant Rabbit Monoclonal Antibody



Catalog #: 4658

Aliases

NIMA Related Kinase 7; NIMA (Never In Mitosis Gene A)-Related Kinase 7; Serine/Threonine-Protein Kinase Nek7; Never In Mitosis A-Related Kinase 7; NimA-Related Protein Kinase 7; EC 2.7.11.34; EC 2.7.11.1

Background

Gene Name: NEK7

NCBI Gene Entry: [140609](#)

UniProt Entry: [Q8TDX7](#)

Application Information

Molecular Weight: Predicted, 35 kDa; observed, 35 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB12300

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human NEK7

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.

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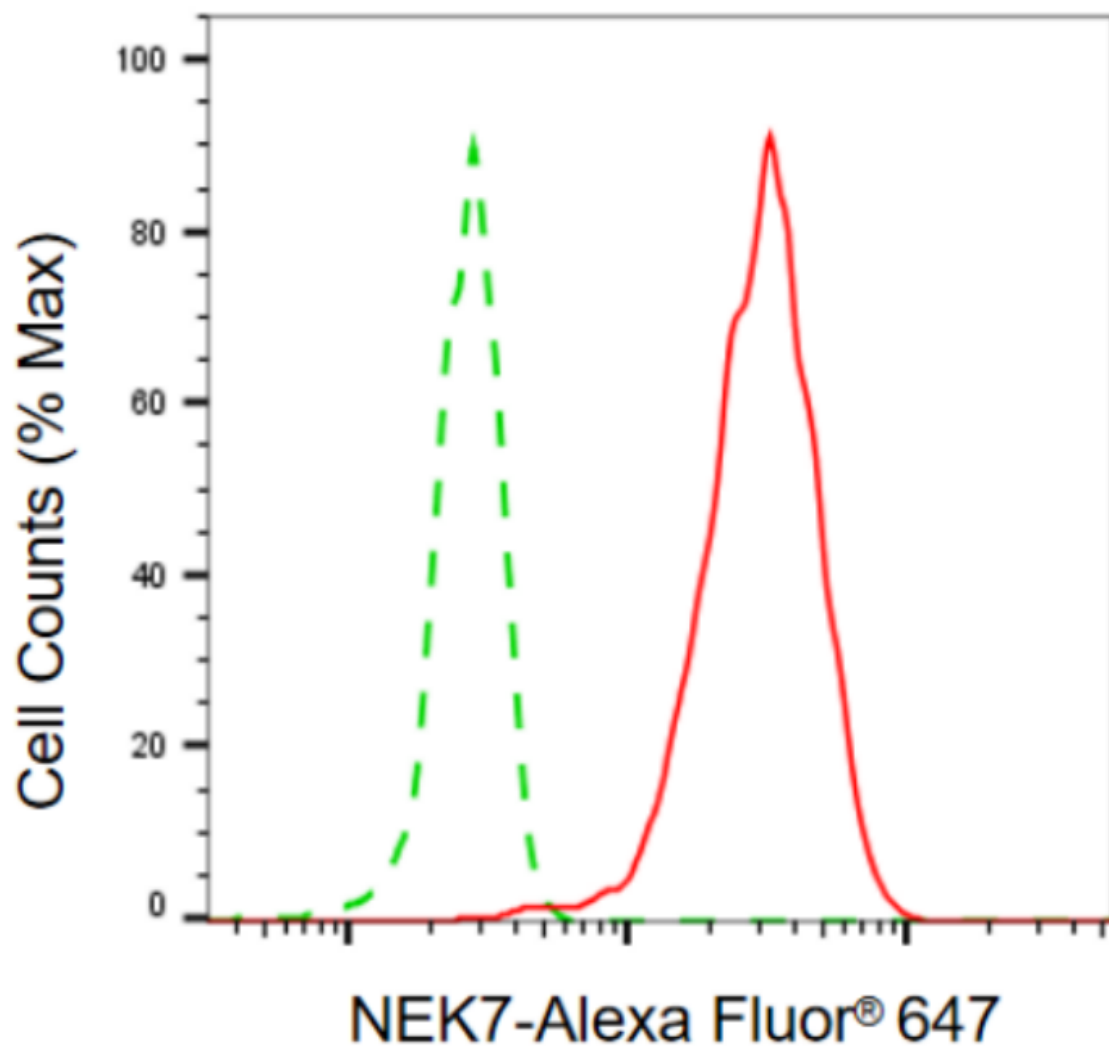
SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS

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

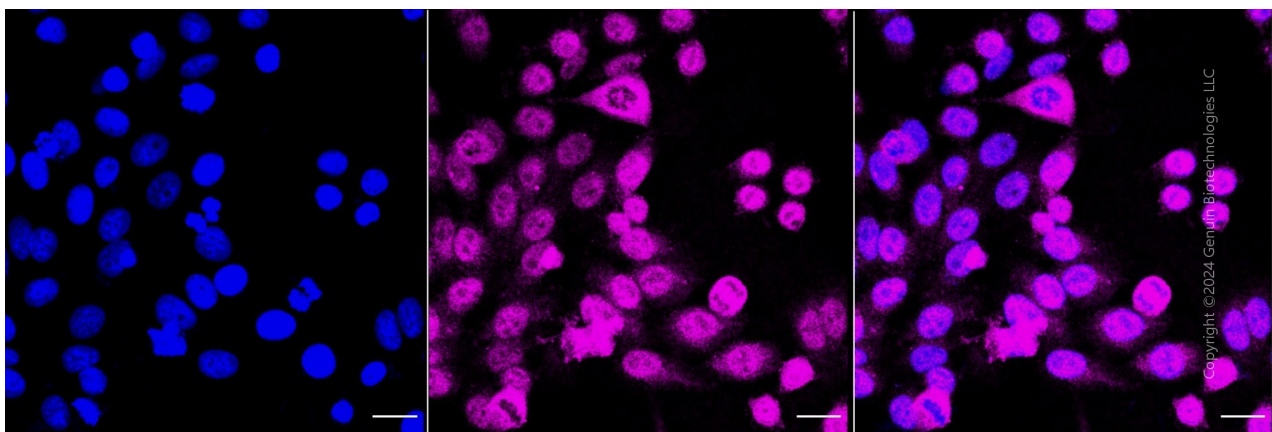
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Validation Data



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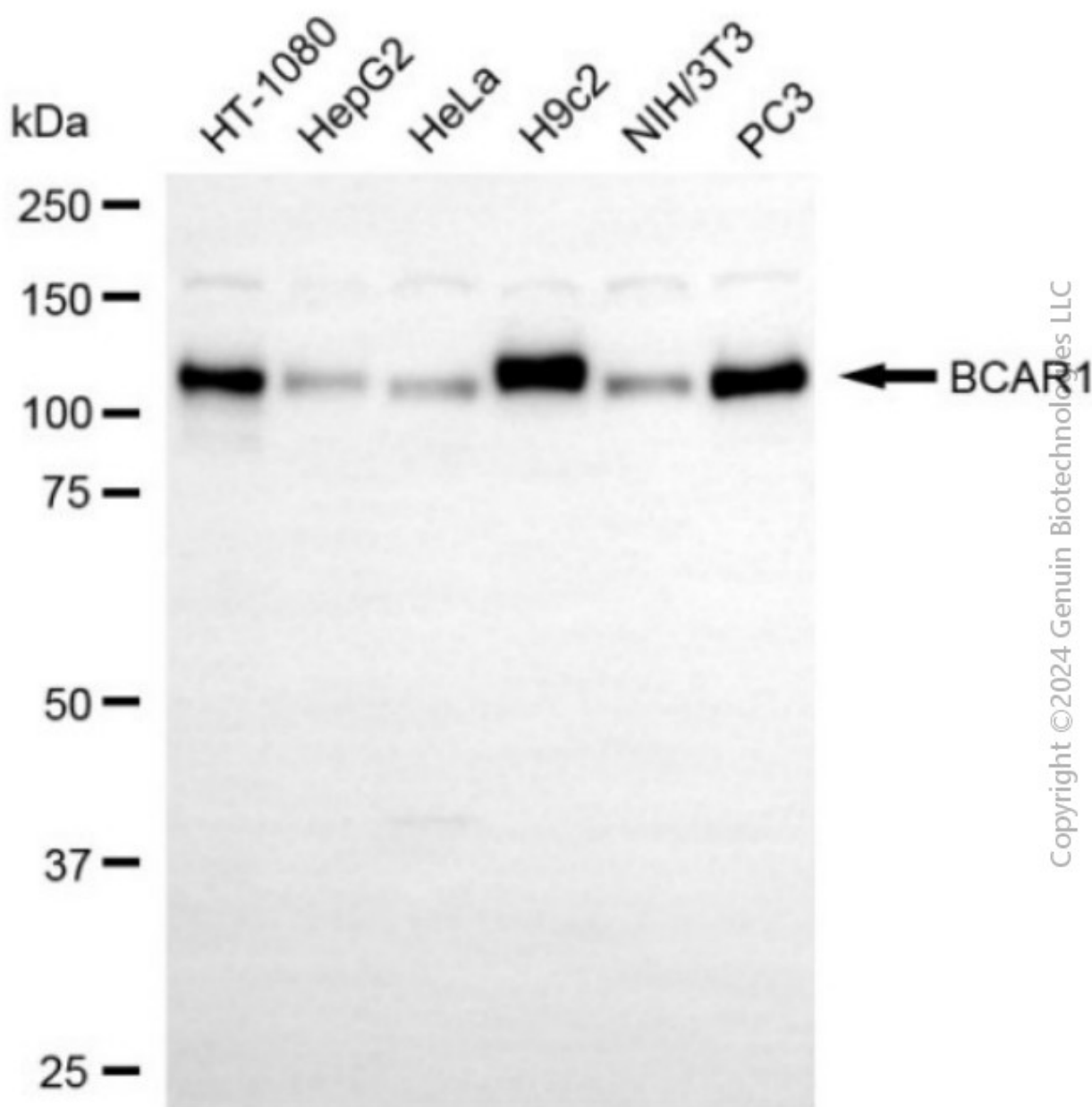
Flow cytometric analysis of NEK7 expression in HepG2 cells using anti-NEK7 antibody (Cat#4658, 1:2,000). Green, isotype control; red, NEK7.



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Immunocytochemical staining of HepG2 cells with anti-NEK7 antibody (Cat#4658, 1:1,000). Nuclei were stained blue with DAPI; NEK7 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 μ m.



Western blotting analysis using anti-NEK7 antibody (Cat#4658). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NEK7 antibody (Cat#4658, 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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SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

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SALES@GENUINBIOTECH.COM
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WWW.GENUINBIOTECH.COM