Anti-NIMA Related Kinase 9 Mouse Monoclonal Antibody



Catalog #: 5338

Aliases

NEK9; NIMA Related Kinase 9; NERCC; NERCC1; Nek8; NIMA (Never In Mitosis Gene A)-Related Kinase 9; Serine/Threonine-Protein Kinase Nek9; NimA-Related Protein Kinase 9; DKFZp434D0935; Nercc1 Kinase; EC 2.7.11.1; MGC16714 2 5Never In Mitosis A-Related Kinase 9; NimA-Related Kinase 8; KIAA1995; LCCS10; APUG; NEK8; NC

Background

Gene Name: NEK9

NCBI Gene Entry: 91754 UniProt Entry: Q8TD19

Application Information

Molecular Weight: Predicted, 107 kDa; observed, 107 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB1030

Species Reactivity: Human, rat

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

Immunogen

Recombinant protein of human NEK9

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

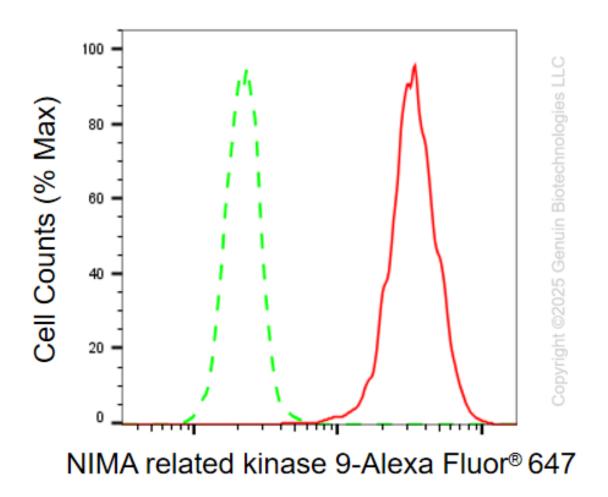
Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

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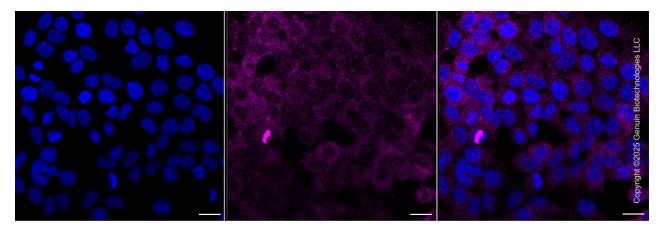
Note: This product is for research use only.

Validation Data

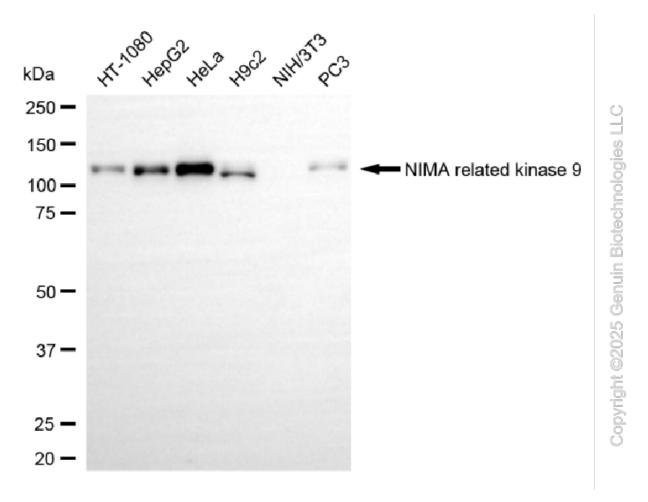


Flow cytometric analysis of NIMA related kinase 9 expression in HeLa cells using anti-NIMA related kinase 9 antibody (Cat#5338, 1:2,000). Green, isotype control; red, NIMA related kinase 9.

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Immunocytochemical staining of HeLa cells with anti-NIMA related kinase 9 antibody (Cat#5338, 1:1,000). Nuclei were stained blue with DAPI; NIMA related kinase 9 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.



Western blotting analysis using anti-NIMA related kinase 9 antibody (Cat#5338). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NIMA related kinase 9 antibody (Cat#5338, 1:2,500) and HRP-conjugated goat anti-

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mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ TM ECL Substrate Kit (Cat#716).

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