

Catalog #: 5131

Aliases

NAGK; N-Acetylglucosamine Kinase; GNK; N-Acetyl-D-Glucosamine Kinase; N-Acetyl-D-Mannosamine Kinase; Muramyl Dipeptide Kinase; GlcNAc Kinase; EC 2.7.1.59; Epididymis Secretory Sperm Binding Protein; EC 2.7.1.60; EC 2.7.1.-; HSA242910

Background

Gene Name: NAGK

NCBI Gene Entry: [55577](#)

UniProt Entry: [Q9UJ70](#)

Application Information

Molecular Weight: Predicted, 37 kDa; observed, 36 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB15870

Species Reactivity: Human, rat

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

Immunogen

Recombinant protein of human NAGK

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): 1:200-1:1,000

Flow Cytometry (FCM): 1:2,000

Note: This product is for research use only.

Validation Data

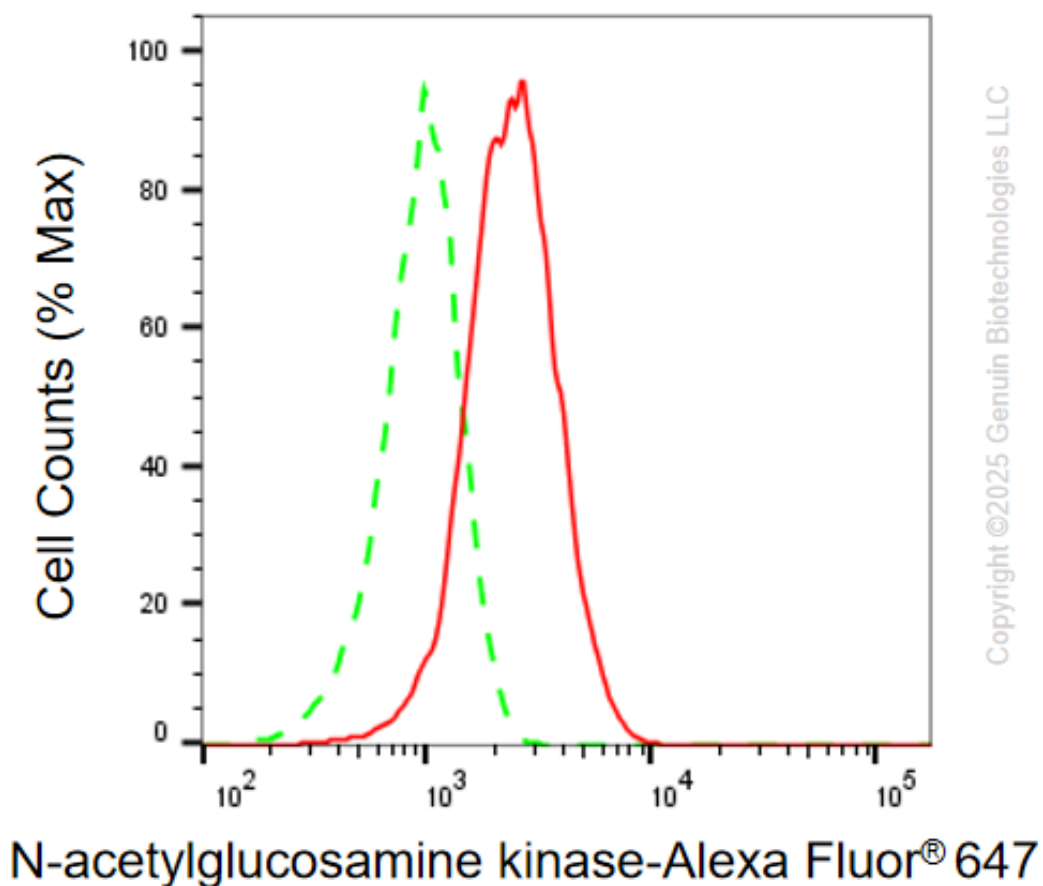
SUPPORT

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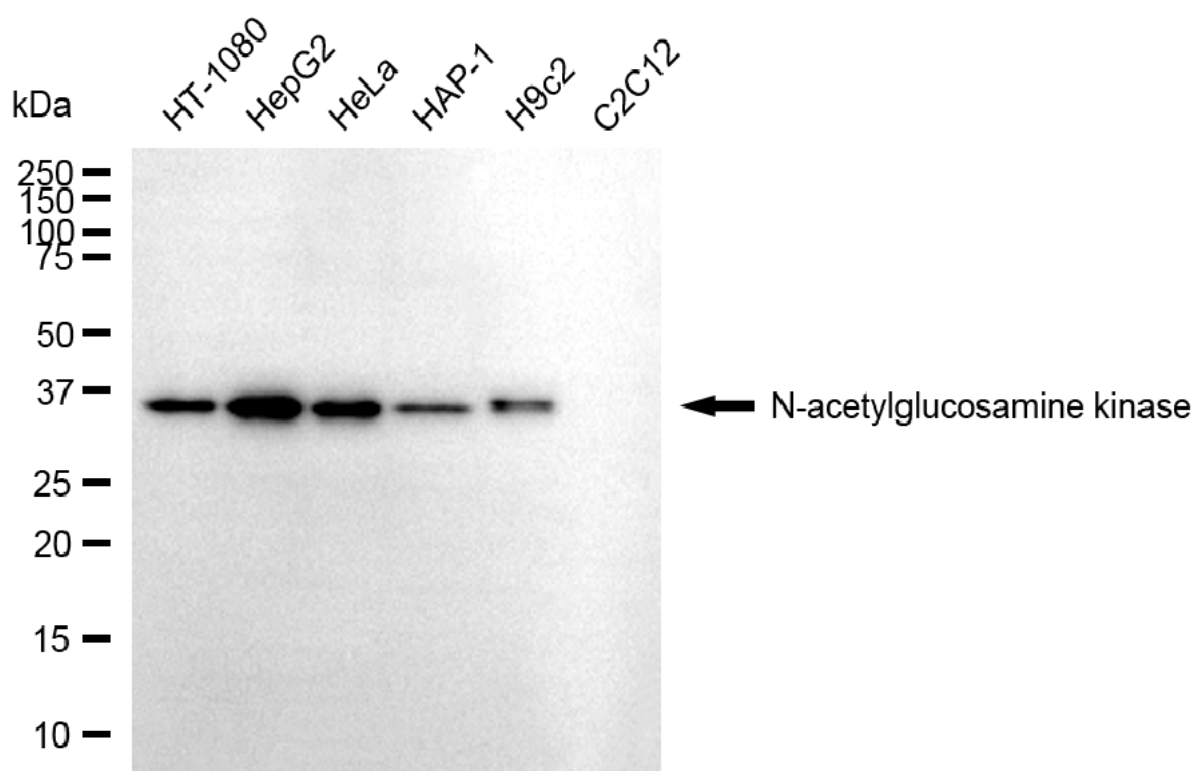
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Flow cytometric analysis of N-acetylglucosamine kinase expression in HepG2 cells using anti-N-acetylglucosamine kinase antibody (Cat#5131, 1:2,000) . Green, isotype control; red, N-acetylglucosamine kinase.



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Western blotting analysis using anti-N-acetylglucosamine kinase antibody (Cat#5131). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-N-acetylglucosamine kinase antibody (Cat#5131, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).