

KD-Validated Anti-NAGK Mouse Monoclonal Antibody

Mouse monoclonal antibody

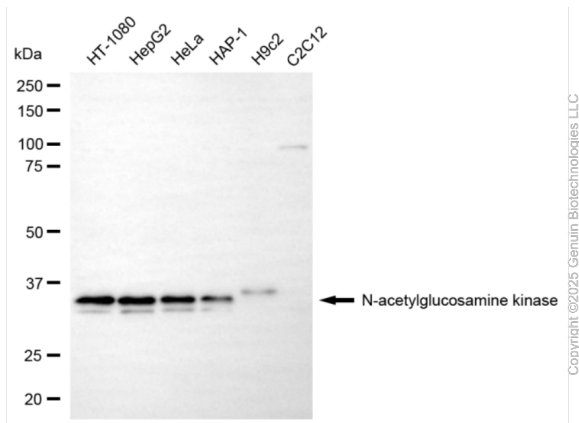
ABG2175

Product Overview

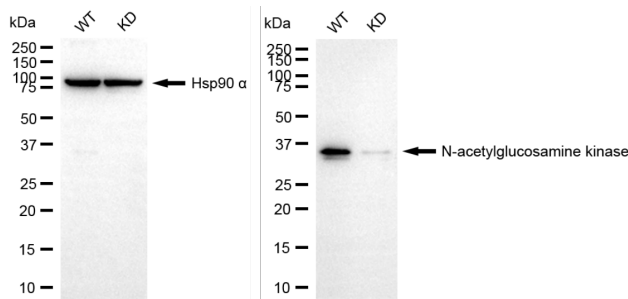
Name	KD-Validated Anti-NAGK Mouse Monoclonal Antibody
Accession(Primary)	Q9UJ70
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human NAGK
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 37 kDa, observed, 35 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:400-1:2,000 Flow Cytometry (FCM): 1:2,000

Target information (Q9UJ70)

Gene Name	NAGK
About Gene Symbol	NAGK (N-Acetylglucosamine Kinase) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

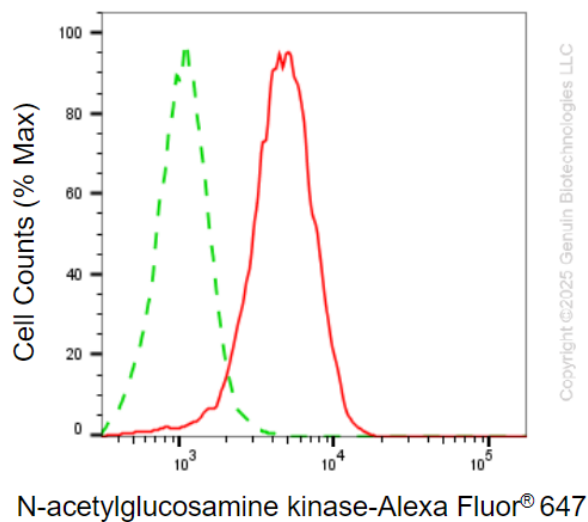


Western blotting analysis using anti-N-acetylglucosamine kinase antibody (Cat#65080). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-N-acetylglucosamine kinase antibody (Cat#65080, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Western blotting analysis using anti-N-acetylglucosamine kinase antibody (Cat#ABG2175). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-N-acetylglucosamine kinase antibody (Cat#ABG2175, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.

Western blotting analysis using anti-N-acetylglucosamine kinase antibody (Cat#ABG2175). N-acetylglucosamine kinase expression in wild-type (WT) and N-acetylglucosamine kinase (NAGK) knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-N-acetylglucosamine kinase antibody (Cat#ABG2175, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Flow cytometric analysis of N-acetylglucosamine kinase expression in HepG2 cells using anti-N-acetylglucosamine kinase antibody (Cat#ABG2175, 1:2,000). Green, isotype control; red, N-acetylglucosamine kinase.