9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

KD-Validated Anti-Non-Homologous End Joining Factor 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1608

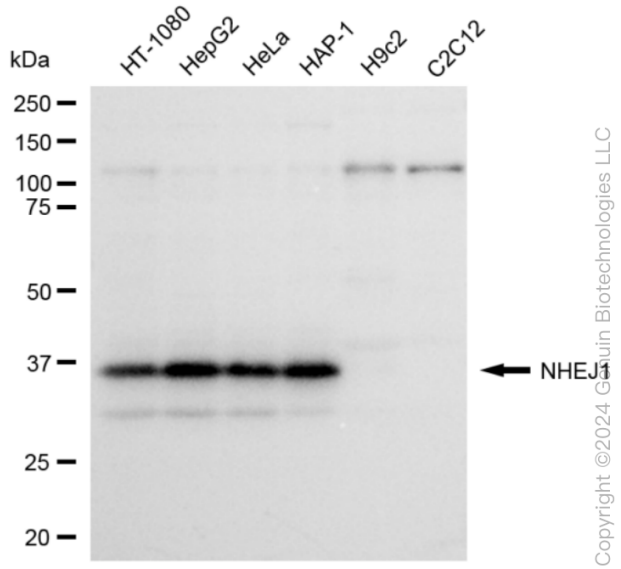
Product Overview

Name	KD-Validated Anti-Non-Homologous End Joining Factor 1 Rabbit Monoclonal Antibody
Accession(Primary)	Q9H9Q4
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human XLF
Species Reactivity	Human
Calculated MW	Predicted, 33 kDa , observed , 39 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q9H9Q4)

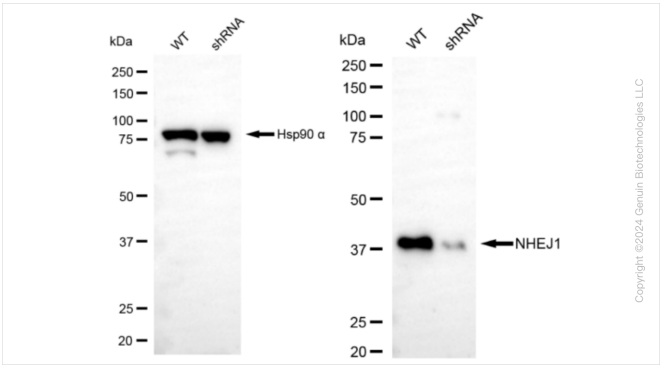
Gene Name	NHEJ1
About Gene Symbol	NHEJ1 (Non-Homologous End Joining Factor 1) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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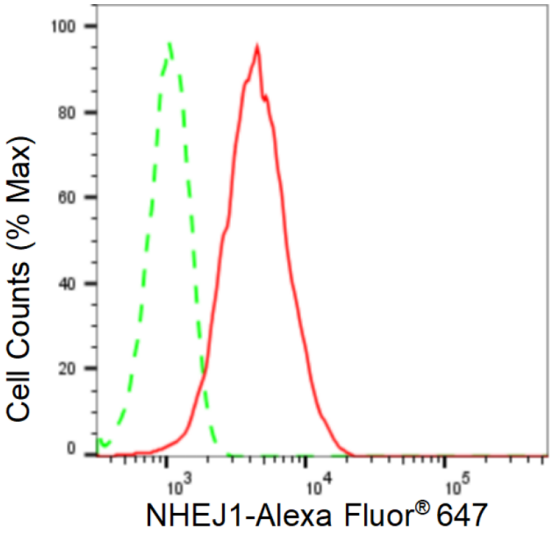
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Western blotting analysis using anti-NHEJ1 antibody (Cat#ABG1608). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NHEJ1 antibody (Cat#ABG1608, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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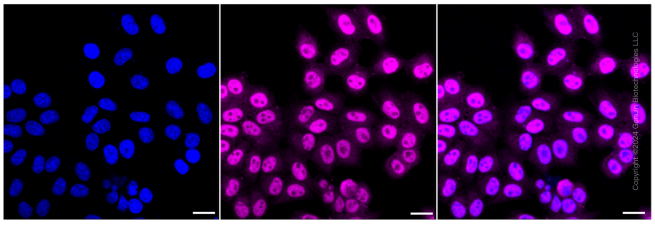
Western blotting analysis using anti-NHEJ1 antibody (Cat#ABG1608). NHEJ1 expression in wild type (WT) and NHEJ1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-NHEJ1 antibody (Cat#ABG1608, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of NHEJ1 expression in HepG2 cells using NHEJ1 antibody (Cat#ABG1608, 1:2,000). Green, isotype control; red, NHEJ1.

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Immunocytochemical staining of HepG2 cells with anti-NHEJ1 antibody (Cat#ABG1608, 1:1,000). Nuclei were stained blue with DAPI; NHEJ1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.