9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-NUMB Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2396

Product Overview

Name	KD-Validated Anti-NUMB Rabbit Monoclonal Antibody
Accession(Primary)	P49757
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human NUMB
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 71 kDa ; Observed, 71 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 Immunocytochemical (IC): 1:100-1:1,000 Flow cytometry (FCM): 1:2,000

Target information (P49757)

Gene Name	NUMB
About Gene Symbol	NUMB (Numb Homolog (Drosophila)) 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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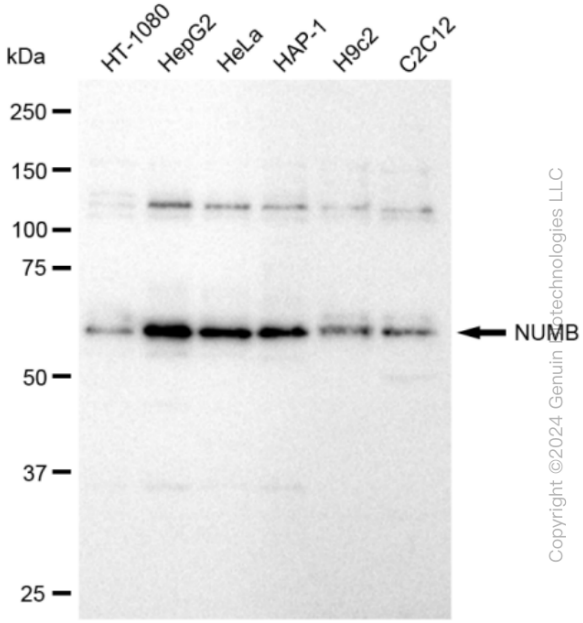

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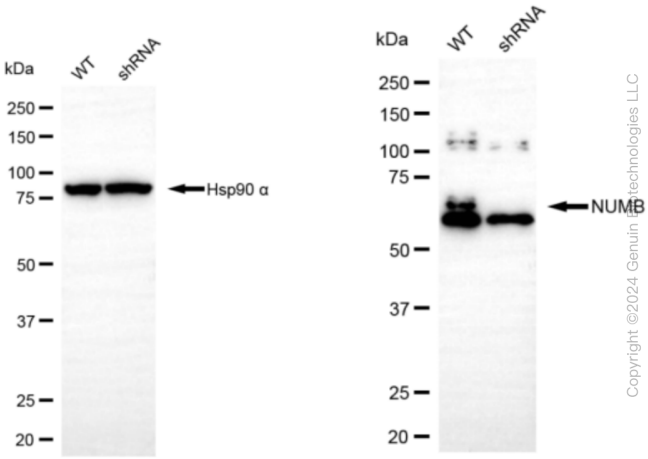
Western blotting analysis using anti-NUMB antibody (Cat#ABG2396). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NUMB antibody (Cat#ABG2396, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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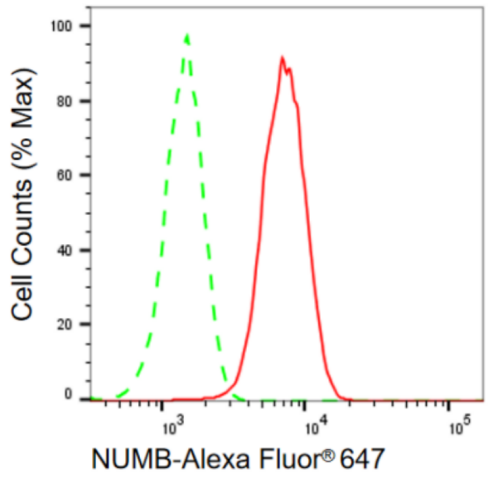
Western blotting analysis using anti-NUMB antibody (Cat#ABG2396). NUMB expression in wild type (WT) and NUMB shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. GAPDH serves as a loading control. The blot was incubated with anti-NUMB antibody (Cat#ABG2396, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of NUMB expression in HepG2 cells using NUMB antibody (Cat#ABG2396, 1:2,000). Green, isotype control; red, NUMB.

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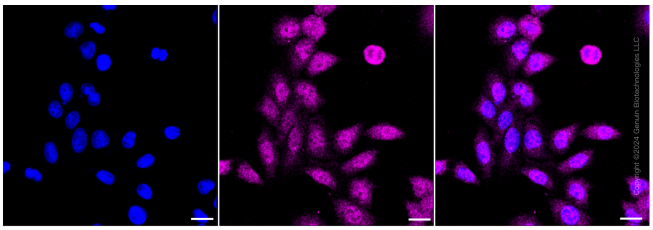

Immunocytochemical staining of HepG2 cells with anti-NUMB antibody (Cat#ABG2396, 1:1,000). Nuclei were stained blue with DAPI; NUMB was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Meduim. Scale bar: 20 µm.