

KD-Validated Anti-NME1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

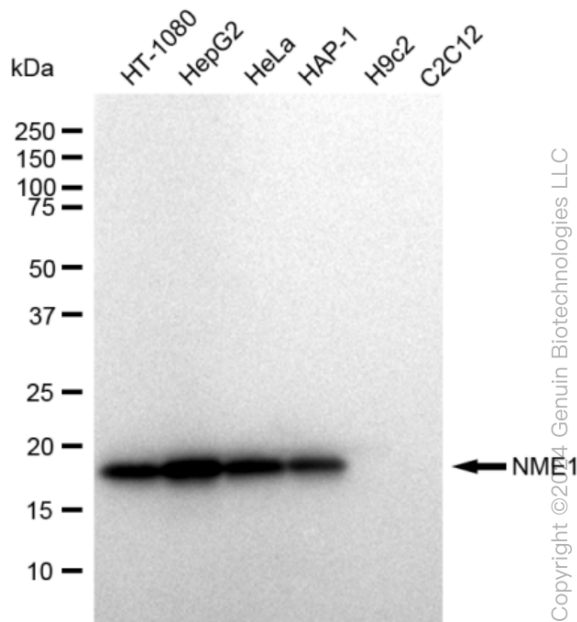
ABG1081

Product Overview

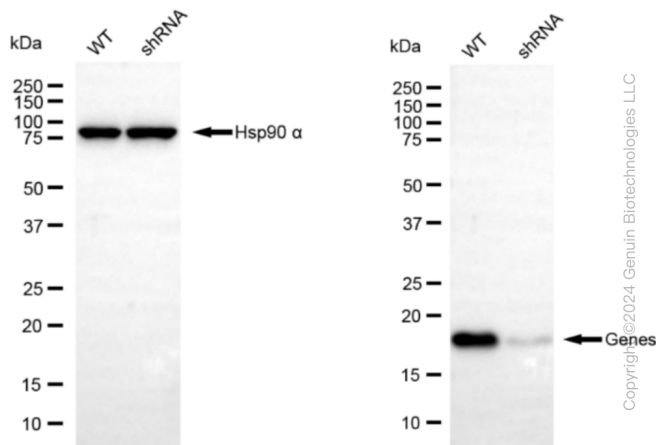
Name	KD-Validated Anti-NME1 Rabbit Monoclonal Antibody
Accession(Primary)	P15531
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human NM23
Species Reactivity	Human
Calculated MW	Predicted, 17 kDa , observed, 17 kDa
Storage Buffer	Supplied in PBS (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 (P15531)

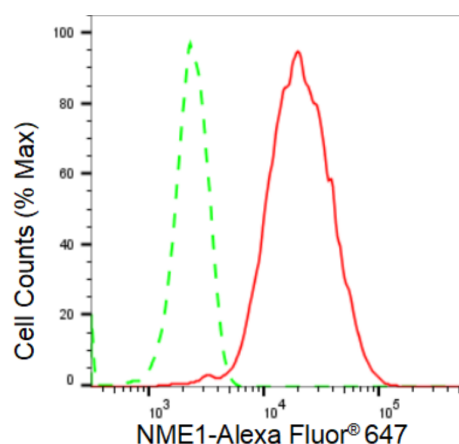
Gene Name	NME1
About Gene Symbol	NME1 (NME/NM23 Nucleoside Diphosphate Kinase 1) is a protein kinase and signaling regulator involved in cell migration and invasion. It is an important research target in cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



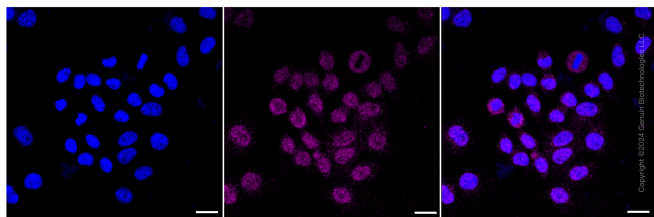
Western blotting analysis using anti-NME1 antibody (Cat#ABG1081). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NME1 antibody (Cat#ABG1081, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-NME1 antibody (Cat#ABG1081). NME1 expression in wild type (WT) and NME1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-NME1 antibody (Cat#ABG1081, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of NME1 expression in HepG2 cells using NME1 antibody (Cat#ABG1081, 1:2,000). Green, isotype control; red, NME1.



Immunocytochemical staining of HepG2 cells with NME1 antibody (Cat#ABG1081, 1:1,000). Nuclei were stained blue with DAPI; NME1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 μ m.