

KD-Validated Anti-Matrin 3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

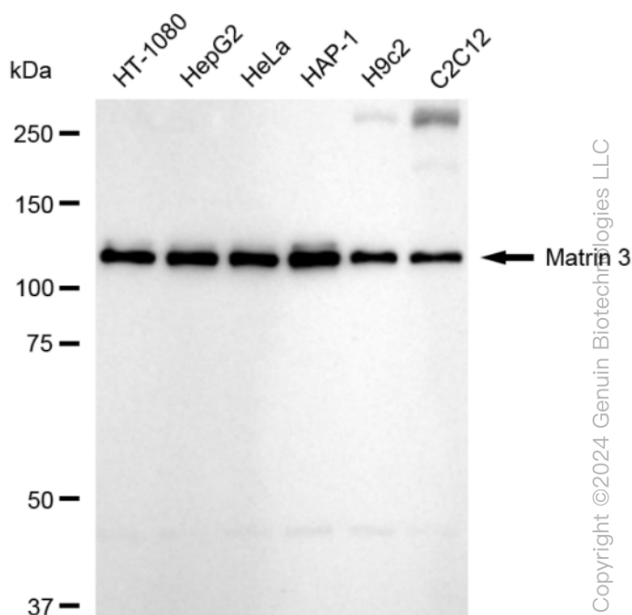
ABG1611

Product Overview

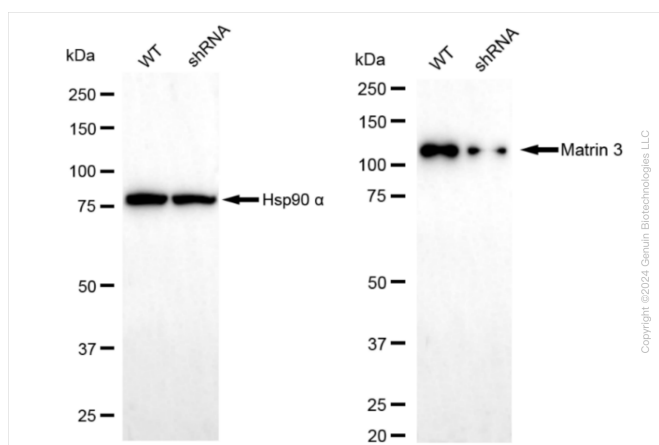
Name	KD-Validated Anti-Matrin 3 Rabbit Monoclonal Antibody
Accession(Primary)	P43243
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Matrin 3
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 95 kDa , observed , 125 kDa
Storage 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 Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry (FCM): 1:2,000

Target information (P43243)

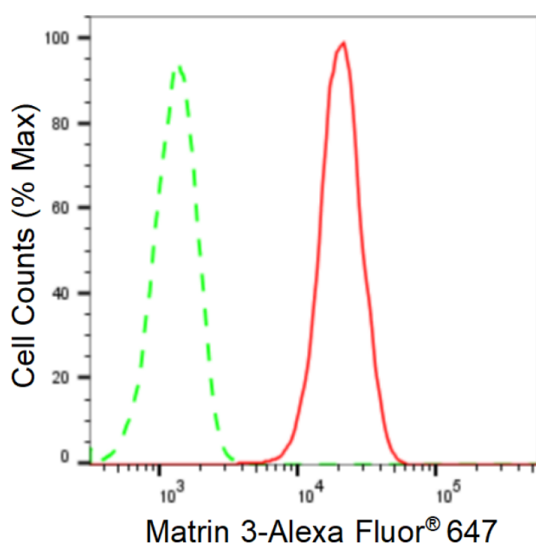
Gene Name	MATR3
About Gene Symbol	MATR3 (Matrin 3) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



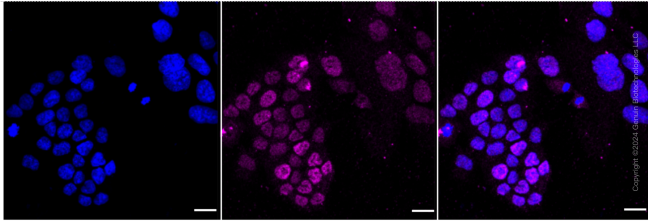
Western blotting analysis using anti-Matrin 3 antibody (Cat#ABG1611). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Matrin 3 antibody (Cat#ABG1611, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Matrin 3 antibody (Cat#ABG1611). Matrin 3 expression in wild type (WT) and Matrin 3 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-Matrin 3 antibody (Cat#ABG1611, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Matrin 3 expression in HAP-1 cells using anti-Matrin 3 antibody (Cat#ABG1611, 1:2,000). Green, isotype control; red, Matrin 3.



Immunocytochemical staining of HAP-1 cells with anti-Matrin 3 antibody (Cat#ABG1611, 1:1,000). Nuclei were stained blue with DAPI; Matrin 3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.