

KD-Validated Anti-SAMM50 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

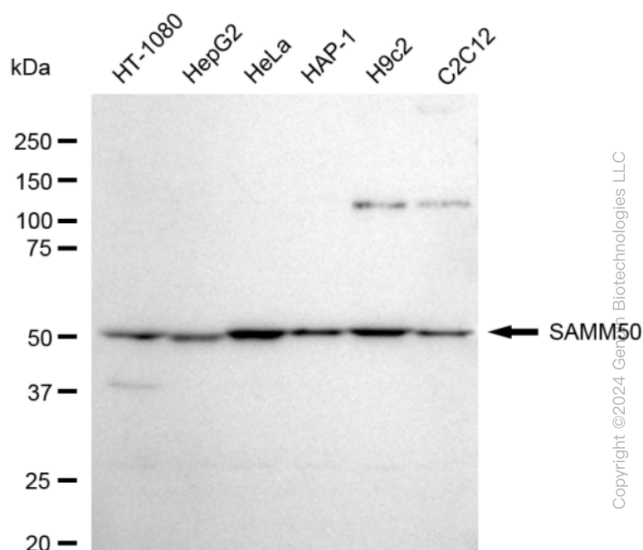
ABG1654

Product Overview

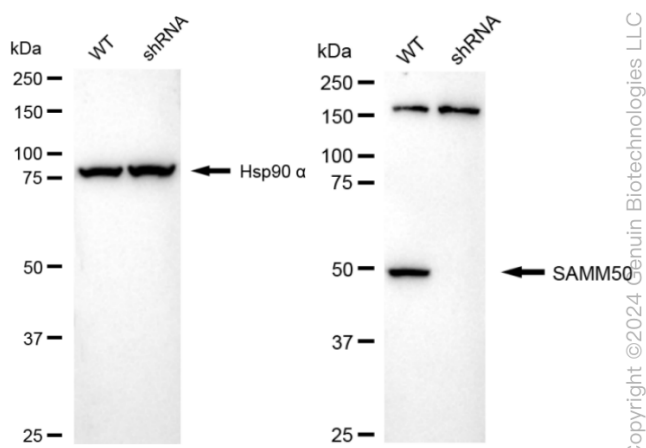
Name	KD-Validated Anti-SAMM50 Rabbit Monoclonal Antibody
Accession(Primary)	Q9Y512
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human SAMM50
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 52 kDa , observed , 52 kDa
Storage Buffer	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 (Q9Y512)

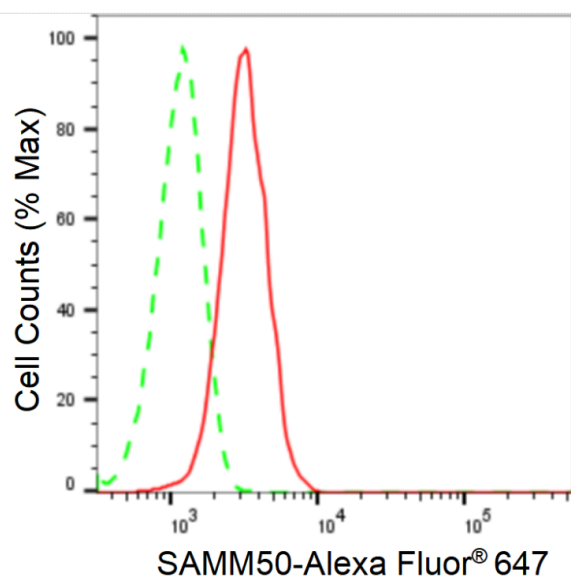
Gene Name	SAMM50
About Gene Symbol	SAMM50 (SAMM50 Sorting And Assembly Machinery Component) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



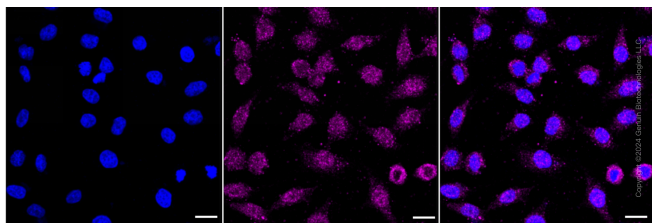
Western blotting analysis using anti-SMM50 antibody (Cat#ABG1654). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-SMM50 antibody (Cat#ABG1654, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-SMM50 antibody (Cat#ABG1654). SMM50 expression in wild type (WT) and SMM50 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-SMM50 antibody (Cat#ABG1654, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of SMM50 expression in HeLa cells using SMM50 antibody (Cat#ABG1654, 1:2,000). Green, isotype control; red, SMM50.



Immunocytochemical staining of HeLa cells with anti-SAMM50 antibody (Cat#ABG1654, 1:1,000). Nuclei were stained blue with DAPI; SAMM50 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.