

KD-Validated Anti-SPTAN1 Mouse Monoclonal Antibody

Mouse monoclonal antibody

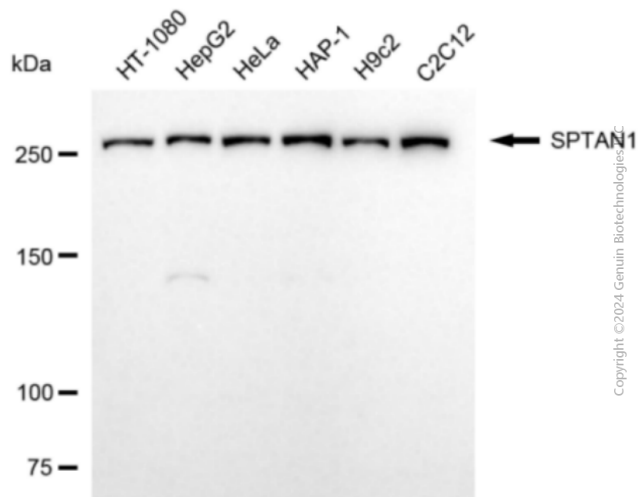
ABG2097

Product Overview

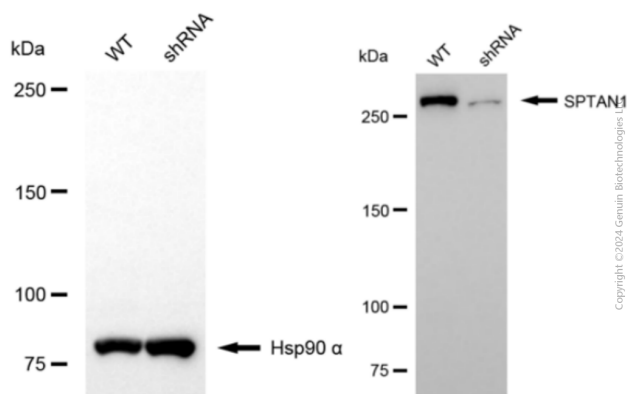
Name	KD-Validated Anti-SPTAN1 Mouse Monoclonal Antibody
Accession(Primary)	Q13813
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human SPTAN1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 285 kDa, observed, 285 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:500-1:2,500

Target information (Q13813)

Gene Name	SPTAN1
About Gene Symbol	SPTAN1 (Spectrin Alpha, Non-Erythrocytic 1) is a structural cytoskeletal protein involved in cytoskeletal organization. It is an important research target in cell biology, cancer metastasis, and cytoskeletal research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



Western blotting analysis using anti-SPTAN1 antibody (Cat#ABG2097). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-SPTAN1 antibody (Cat#ABG2097, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-SPTAN1 antibody (Cat#ABG2097). SPTAN1 expression in wild-type (WT) and SPTAN1 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-SPTAN1 antibody (Cat#ABG2097, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.