9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Homer scaffold protein 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1036

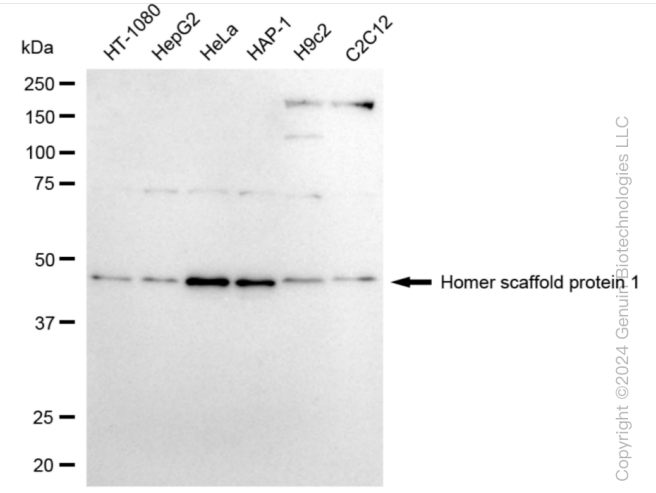
Product Overview

Name	KD-Validated Anti-Homer scaffold protein 1 Rabbit Monoclonal Antibody
Accession(Primary)	Q86YM7
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Homer1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 40 kDa, observed, 45 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): 1:1,000

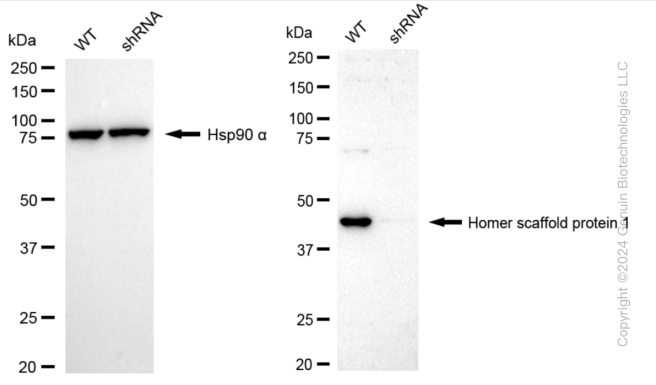
Target information (Q86YM7)

Gene Name	HOMER1
About Gene Symbol	HOMER1 (Homer Scaffold Protein 1) is a signaling scaffold protein 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.

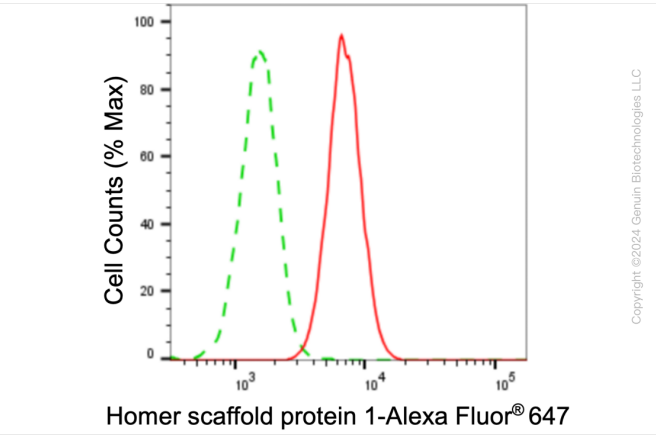
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Western blotting analysis using anti-homer scaffold protein 1 antibody (Cat#ABG1036). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-homer scaffold protein 1 antibody (Cat#ABG1036, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

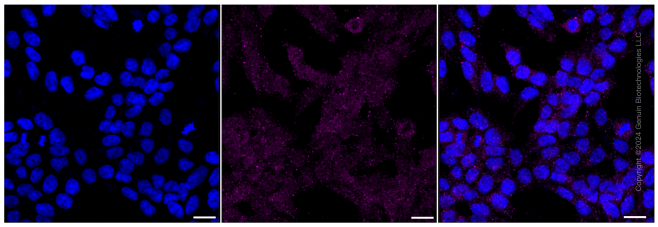


Western blotting analysis using anti-homer scaffold protein 1 antibody (Cat#ABG1036). Homer scaffold protein 1 expression in wild type (WT) and homer scaffold protein 1 (HOMER1) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-homer scaffold protein 1 antibody (Cat#ABG1036, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of homer scaffold protein 1 expression in HAP-1 cells using anti-homer scaffold protein 1 antibody (Cat#ABG1036, 1:2,000). Green, isotype control; red, homer scaffold protein 1.

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Immunocytochemical staining of HAP-1 cells with anti-Homer scaffold protein 1 antibody (Cat#ABG1036, 1:1,000). Nuclei were stained blue with DAPI; Homer scaffold protein 1 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 µm.