

KD-Validated Anti-Wnt family member 5A Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

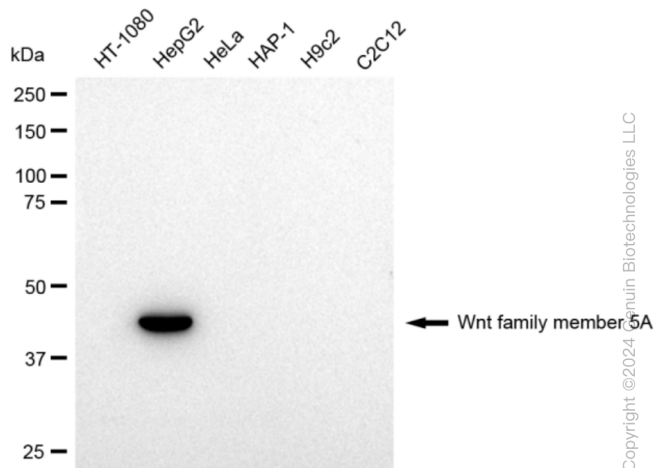
ABG1290

Product Overview

Name	KD-Validated Anti-Wnt family member 5A Rabbit Monoclonal Antibody
Accession(Primary)	P41221
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Wnt5a
Species Reactivity	Human
Calculated MW	Predicted, 42 kDa , observed, 42 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

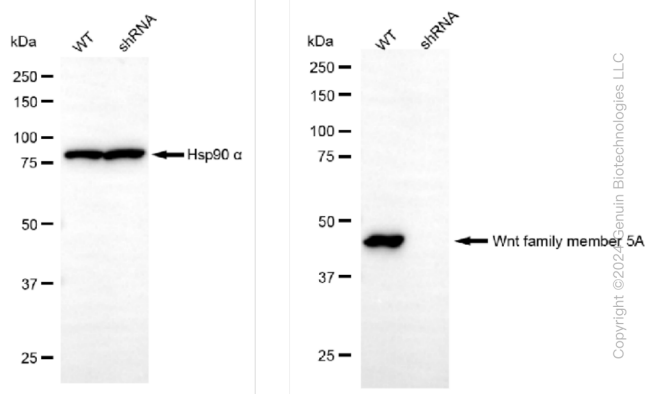
Target information (P41221)

Gene Name	WNT5A
About Gene Symbol	WNT5A (Wnt Family Member 5A) is a protein kinase and signaling regulator involved in Wnt/ β -catenin signaling. 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.



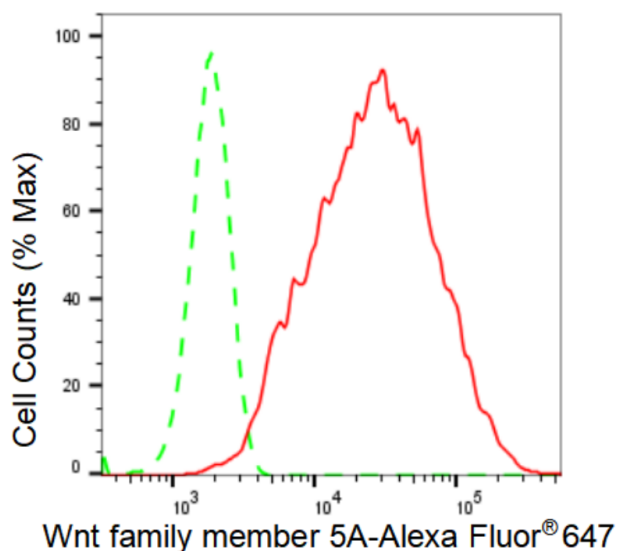
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Western blotting analysis using anti-Wnt family member 5A antibody (Cat#ABG1290). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Wnt family member 5A antibody (Cat#ABG1290, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



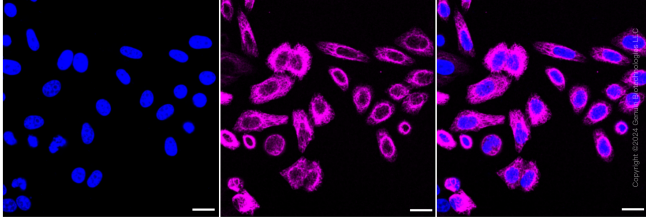
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Western blotting analysis using anti-Wnt family member 5A antibody (Cat#ABG1290). Wnt family member 5A expression in wild type (WT) and Wnt family member 5A shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Wnt family member 5A antibody (Cat#ABG1290, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Wnt family member 5A expression in HepG2 cells using Wnt family member 5A antibody (Cat#ABG1290, 1:2,000). Green, isotype control; red, Wnt family member 5A.



Immunocytochemical staining of HepG2 cells with Wnt family member 5A antibody (Cat#ABG1290, 1:1,000). Nuclei were stained blue with DAPI; Wnt family member 5A was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μ m.