9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-LEFTY1 + LEFTY2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1068

Product Overview

Name	KD-Validated Anti-LEFTY1 + LEFTY2 Rabbit Monoclonal Antibody
Accession(Primary)	O00292
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human LEFTY1 + LEFTY2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 41 kDa, observed, 34 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

Target information (O00292)

Gene Name	LEFTY2
About Gene Symbol	LEFTY1/LEFTY2 (Left-Right Determination Factor 1) is a formin actin nucleator involved in TGF-β signaling. It is an important research target in immunology, inflammation, and cancer research and is widely studied to elucidate cellular mechanisms and iden

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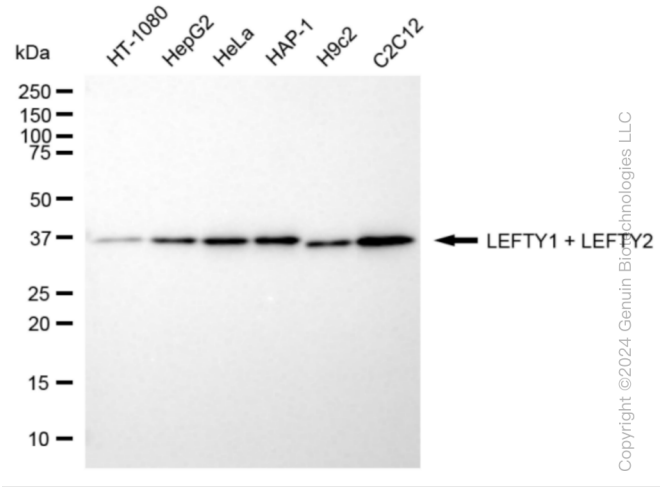

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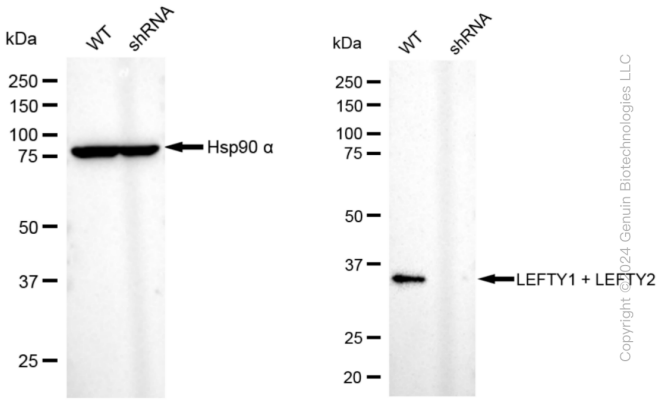
Western blotting analysis using anti-LEFTY1 + LEFTY2 antibody (Cat#ABG1068). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-LEFTY1 + LEFTY2 antibody (Cat#ABG1068, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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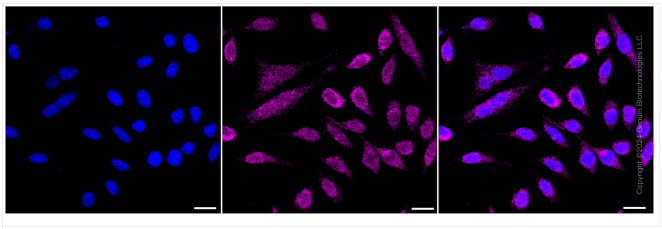
Western blotting analysis using anti-LEFTY1 + LEFTY2 antibody (Cat#ABG1068). LEFTY1 + LEFTY2 expression in wild type (WT) and LEFTY1 + LEFTY2 shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-LEFTY1 + LEFTY2 antibody (Cat#ABG1068, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of HepG2 cells with anti-LEFTY1 + LEFTY2 antibody (Cat#ABG1068, 1:1,000). Nuclei were stained blue with DAPI; LEFTY1 + LEFTY2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 µm.