9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Alkaline phosphatase Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1213

Product Overview

Name	KD-Validated Anti-Alkaline phosphatase Rabbit Monoclonal Antibody
Accession(Primary)	P09923
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human intestinal alkaline phosphatase
Species Reactivity	Human
Calculated MW	Predicted, 57 kDa , observed, 68 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 (P09923)

Gene Name	ALPI
About Gene Symbol	ALPI (Alkaline Phosphatase, Intestinal) is a protein phosphatase involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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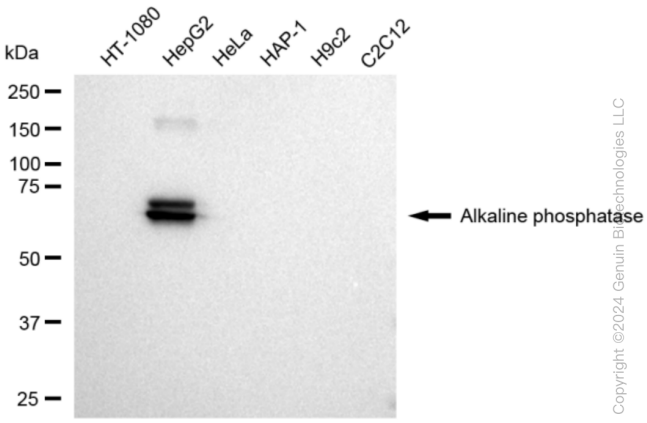

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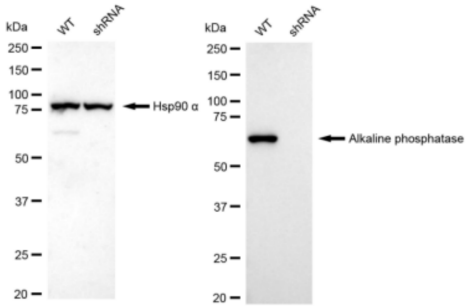
Western blotting analysis using anti-Alkaline phosphatase antibody (Cat#ABG1213). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Alkaline phosphatase antibody (Cat#ABG1213, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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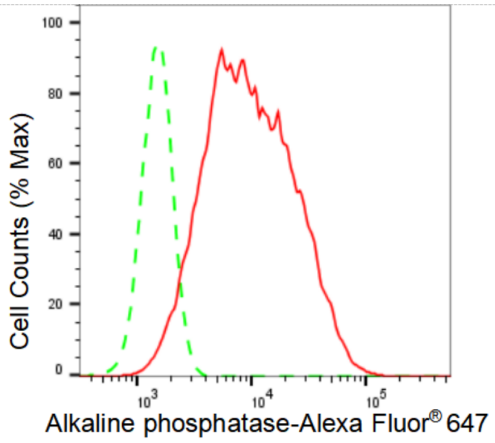
Western blotting analysis using anti-Alkaline phosphatase antibody (Cat#ABG1213). Alkaline phosphatase expression in wild type (WT) and Alkaline phosphatase shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Alkaline phosphatase antibody (Cat#ABG1213, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Alkaline phosphatase expression in HepG2 cells using Alkaline phosphatase antibody (Cat#ABG1213, 1:2,000). Green, isotype control; red, Alkaline phosphatase.

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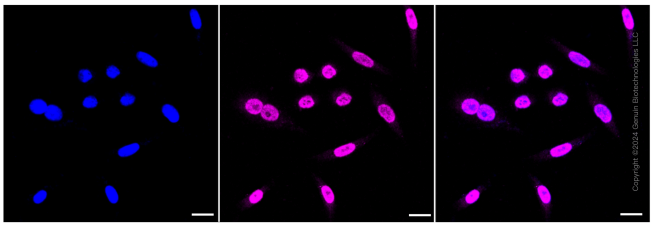

Immunocytochemical staining of HepG2 cells with Alkaline phosphatase antibody (Cat#ABG1213, 1:1,000). Nuclei were stained blue with DAPI; Alkaline phosphatase was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.