

[KD Validated] Anti-ALPP Mouse mAb

Purified Recombinant Mouse Monoclonal Antibody

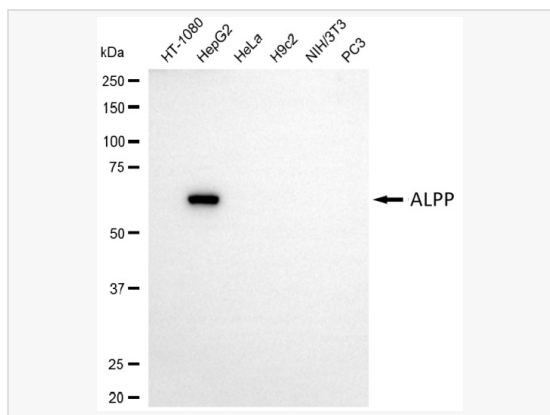
Catalog # M021530

Product Information

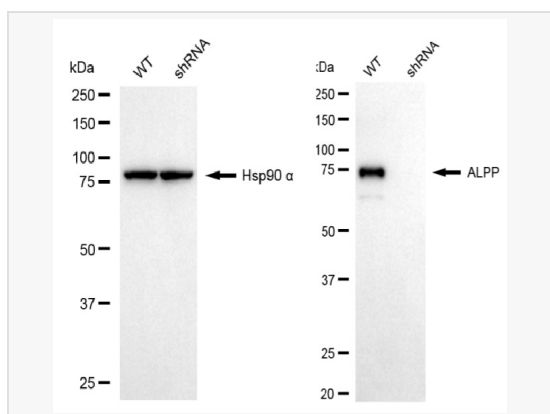
Application	WB
Reactivity	Human
Dilution	WB 1:400~1:2,000
Host	Mouse
Clonality	Monoclonal
Clone No.	57S04Q59
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human ALPP
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 12 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	[KD Validated] Anti-ALPP Mouse mAb [57S04Q59] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	ALPP; Alkaline Phosphatase, Placental; PLAP; PALP; Alkaline Phosphatase, Placental Type; Alkaline Phosphatase Regan Isozyme; Placental Alkaline Phosphatase 1; EC 3.1.3.1; PLAP-1; Alkaline Phosphatase, Placental (Regan Isozyme); Intestinal-Type Alkaline Phosphatase; Intestinal Alkaline Phosphatase; Placental Alkaline Phosphatase; Alkaline Phosphomonoesterase; Glycerophosphatase; Regan Isozyme; ALPI; ALP; IAP.
Calculated MW	Calculated MW: 58 kDa; Observed MW: 70 kDa
Uniprot ID	P05187
Gene ID	250
Background	PLAP may assist in guiding migratory cells and transporting specific molecules, such as fatty acids and immunoglobulins, across the plasma membrane. The three tissue-specific APs identified in human, PLAP, germ cell AP (GCAP) and intestinal AP, are 90-98% homologous and their genes are clustered on chromosome 2q.



Western blotting analysis using ALPP antibody (M021530). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with ALPP antibody (M021530, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.



Western blotting analysis using ALPP antibody (M021530). ALPP expression in wild-type (WT) and ALPP shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with ALPP antibody (M021530, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.