

KD-Validated Anti-PDE1B Mouse Monoclonal Antibody

Mouse monoclonal antibody

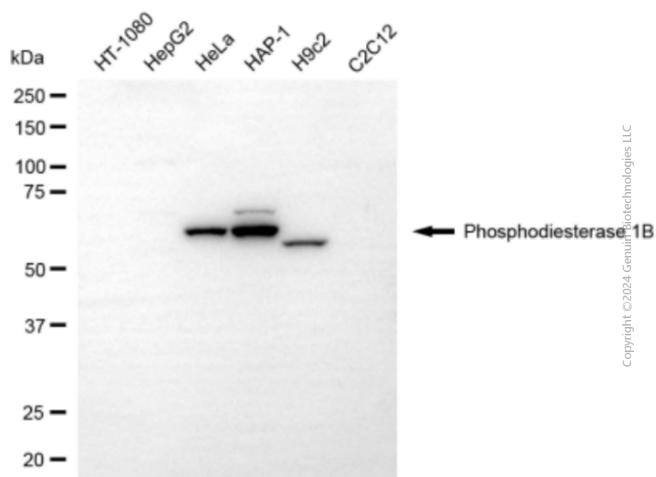
ABG2081

Product Overview

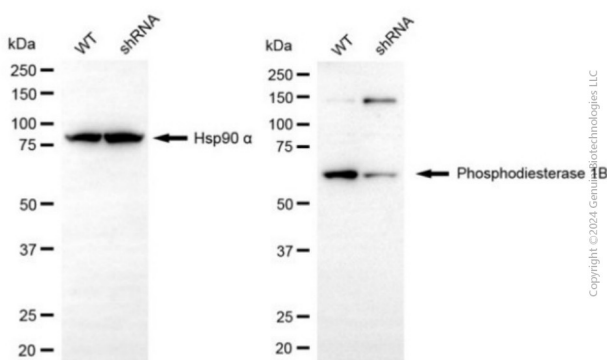
Name	KD-Validated Anti-PDE1B Mouse Monoclonal Antibody
Accession(Primary)	Q01064
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2b
Immunogen	Recombinant protein of human PDE1B
Species Reactivity	Human, Rat
Calculated MW	Predicted, 61 kDa, observed, 61 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:500-1:2,500

Target information (Q01064)

Gene Name	PDE1B
About Gene Symbol	PDE1B (Phosphodiesterase 1B) is a metabolic enzyme 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 therapeu



Western blotting analysis using anti-phosphodiesterase 1B antibody (Cat#ABG2081). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phosphodiesterase 1B antibody (Cat#ABG2081, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-phosphodiesterase 1B antibody (Cat#ABG2081). Phosphodiesterase 1B expression in wild-type (WT) and phosphodiesterase 1B (PDE1B) 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-phosphodiesterase 1B antibody (Cat#ABG2081, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.