

KD-Validated Anti-Pancreatic proteinase 1 Rabbit

Rabbit monoclonal antibody

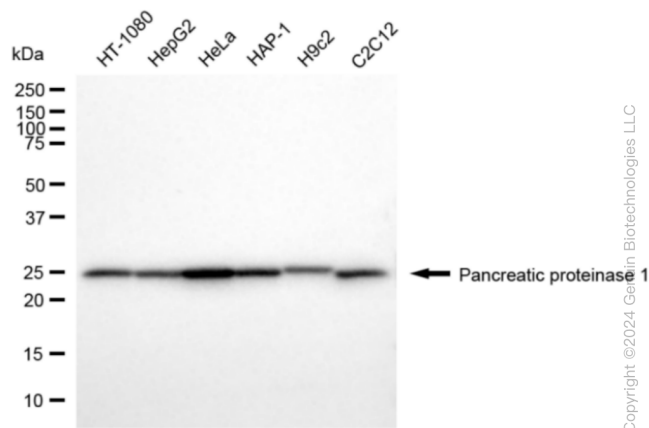
ABG1080

Product Overview

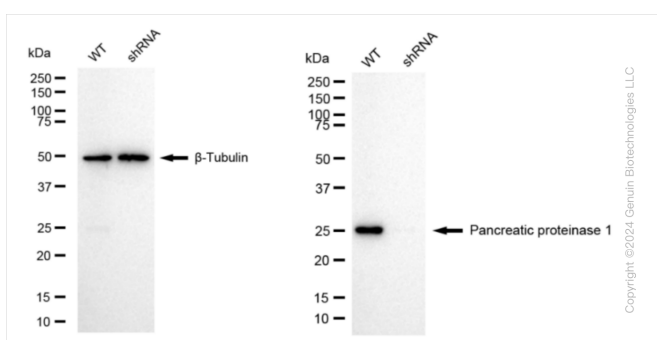
Name	KD-Validated Anti-Pancreatic proteinase 1 Rabbit Monoclonal Antibody
Accession(Primary)	P00492
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human HPRT
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 25 kDa, observed, 25 kDa
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 (P00492)

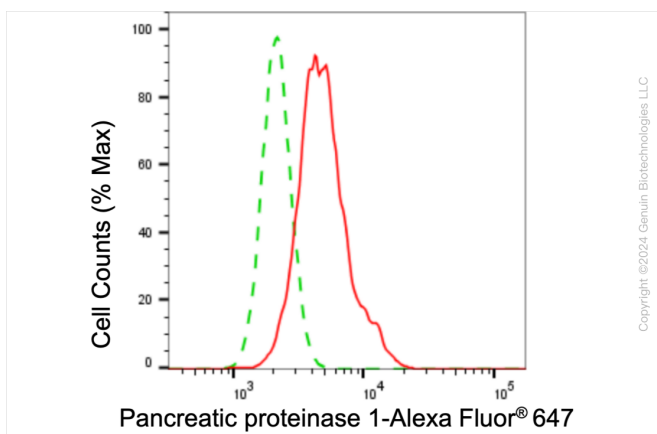
Gene Name	HPRT1
About Gene Symbol	HPRT1 (Hypoxanthine Phosphoribosyltransferase 1) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



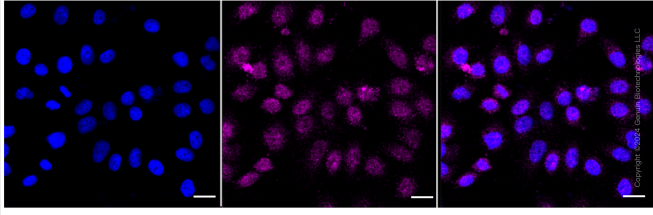
Western blotting analysis using anti-pancreatic proteinase 1 antibody (Cat#ABG1080). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-pancreatic proteinase 1 antibody (Cat#ABG1080, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-pancreatic proteinase 1 antibody (Cat#ABG1080). Pancreatic proteinase 1 expression in wild-type (WT) and pancreatic proteinase 1 (HPRT1) 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-pancreatic proteinase 1 antibody (Cat#ABG1080, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of pancreatic proteinase 1 expression in HepG2 cells using pancreatic proteinase 1 antibody (Cat#ABG1080, 1:2,000). Green, isotype control; red, pancreatic proteinase 1.



Immunocytochemical staining of HepG2 cells with anti-pancreatic proteinase 1 antibody (Cat#ABG1080, 1:1,000). Nuclei were stained blue with DAPI; Pancreatic proteinase 1 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 μ m.