

KD-Validated Anti-IMPDH2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

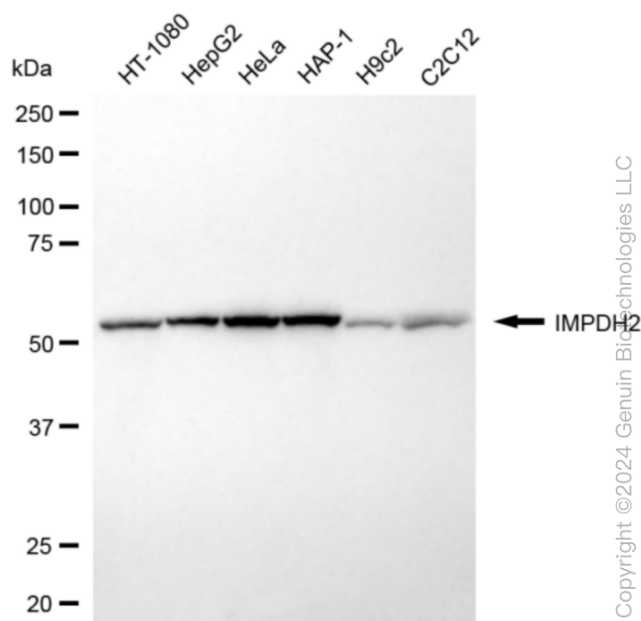
ABG1076

Product Overview

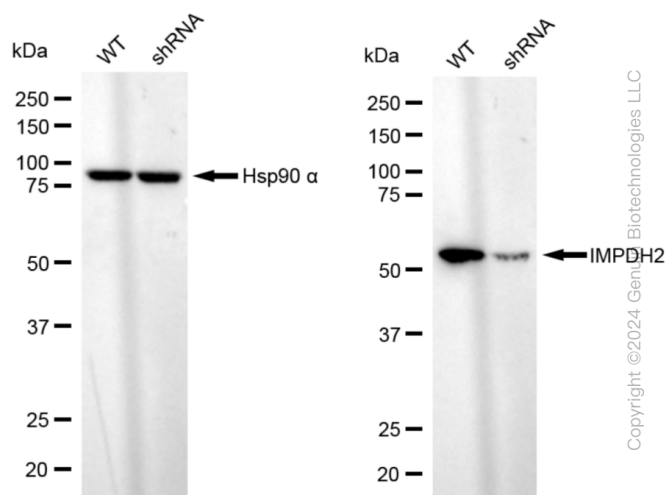
Name	KD-Validated Anti-IMPDH2 Rabbit Monoclonal Antibody
Accession(Primary)	P12268
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human IMPDH2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 56 kDa, observed, 56 kDa
Storage Buffer	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): 1:100-1:1,000

Target information (P12268)

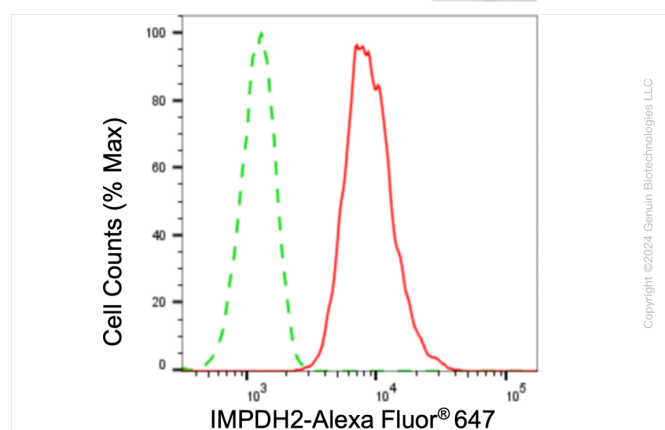
Gene Name	IMPDH2
About Gene Symbol	IMPDH2 (Inosine Monophosphate Dehydrogenase 2) is a metabolic dehydrogenase involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



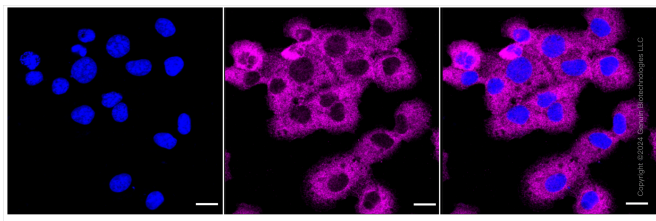
Western blotting analysis using anti-IMPDH2 antibody (Cat#ABG1076). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-IMPDH2 antibody (Cat#ABG1076, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-IMPDH2 antibody (Cat#ABG1076). IMPDH2 expression in wild type (WT) and IMPDH2 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-IMPDH2 antibody (Cat#ABG1076, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of IMPDH2 expression in HT-1080 cells using IMPDH2 antibody (Cat#ABG1076, 1:2,000). Green, isotype control; red, IMPDH2.



Immunocytochemical staining of HT-1080 cells with anti-IMPDH2 antibody (Cat#ABG1076, 1:1,000). Nuclei were stained blue with DAPI; IMPDH2 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.