

KD-Validated Anti-Dihydropyrimidine Dehydrogenase Rabbit Monoclonal Antibody

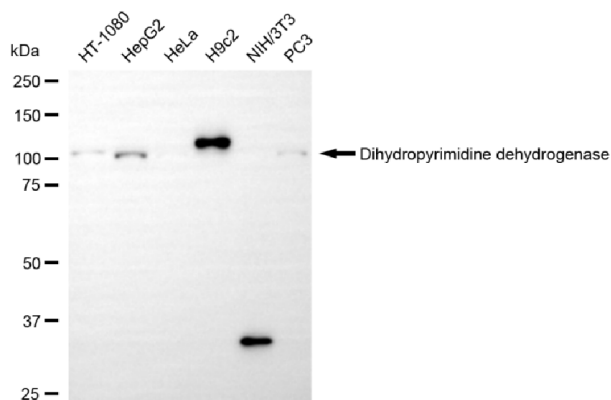
ABG1033

Product Overview

Name	KD-Validated Anti-Dihydropyrimidine dehydrogenase Rabbit Monoclonal Antibody
Accession(Primary)	Q12882
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human DPYD
Species Reactivity	Human, Rat
Calculated MW	Predicted, 111 kDa, observed, 110 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

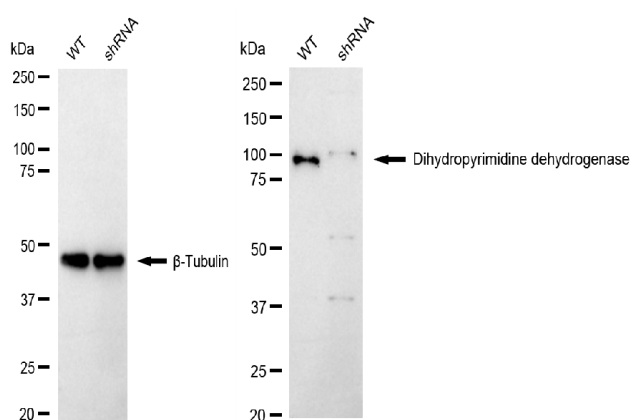
Target information (Q12882)

Gene Name	DPYD
About Gene Symbol	DPYD (Dihydropyrimidine Dehydrogenase) 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.



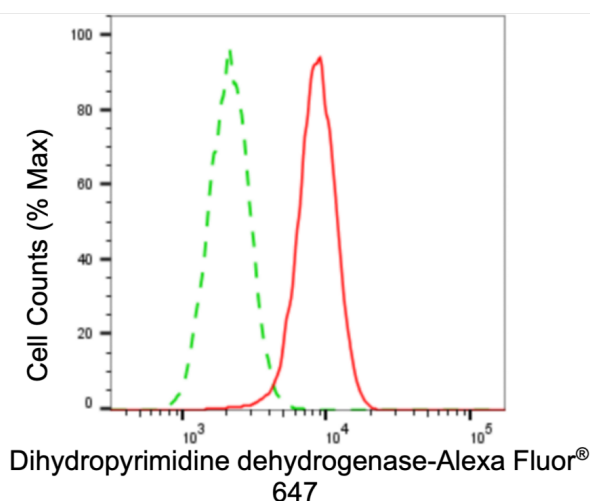
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Western blotting analysis using anti-dihydropyrimidine dehydrogenase antibody (Cat#ABG1033). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-dihydropyrimidine dehydrogenase antibody (Cat#ABG1033, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-Dihydropyrimidine dehydrogenase antibody (Cat#ABG1033). Dihydropyrimidine dehydrogenase expression in wild type (WT) and Dihydropyrimidine dehydrogenase shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Dihydropyrimidine dehydrogenase antibody (Cat#ABG1033, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of dihydropyrimidine dehydrogenase expression in H9c2 cells using dihydropyrimidine dehydrogenase antibody (Cat#ABG1033, 1:2,000). Green, isotype control; red, dihydropyrimidine dehydrogenase.