9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# KD-Validated Anti-Dihydropyrimidine dehydrogenase Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

ABG1033

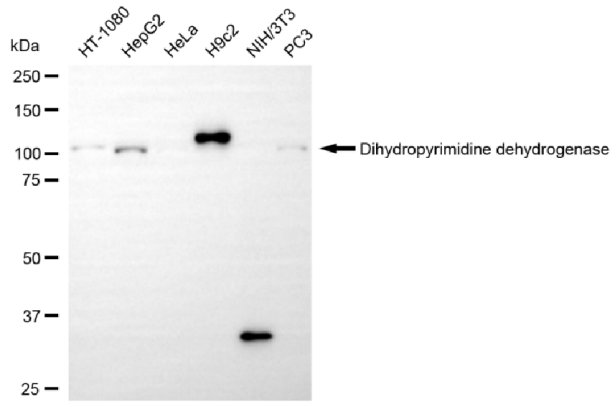
## Product Overview

| | |
|---|---|
| **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)

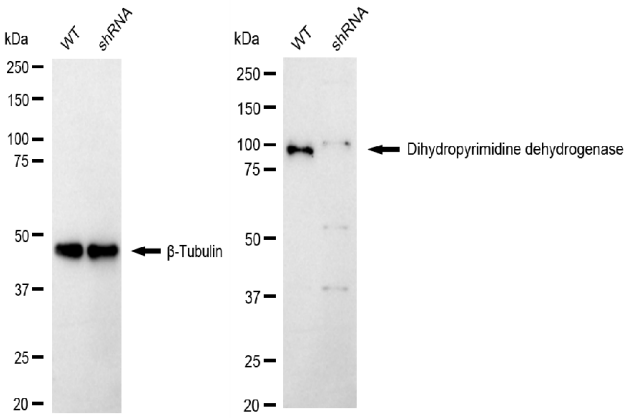
| | |
|---|---|
| **Gene Name** | DPYD |
| **About Gene Symbol** | DPYD (Dihydropyrimidine Dehydrogenase) is a metabolic dehydrogenase involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |

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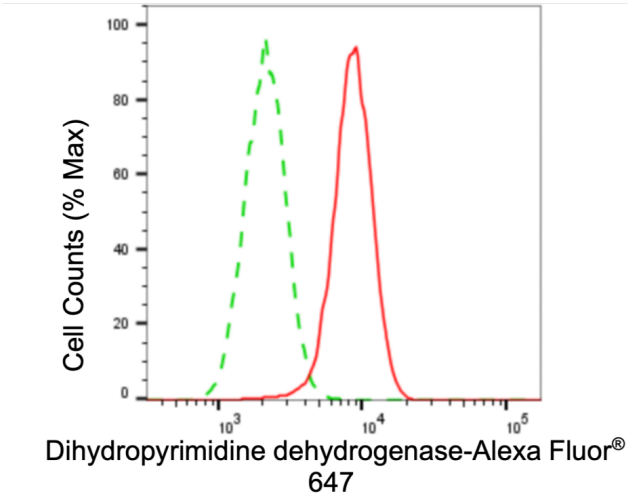

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Western blotting analysis using anti-dihydropyrimidine dehydrogenase antibody (Cat#ABG1033). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-dihydropyrimidine dehydrogenase 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.