9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Dihydrofolate reductase Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1194

Product Overview

Name	KD-Validated Anti-Dihydrofolate reductase Rabbit Monoclonal Antibody
Accession(Primary)	P00374
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human DHFR
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 21 kDa, observed, 18 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 (P00374)

Gene Name	DHFR
About Gene Symbol	DHFR (Dihydrofolate Reductase) 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 therapeutic targets.

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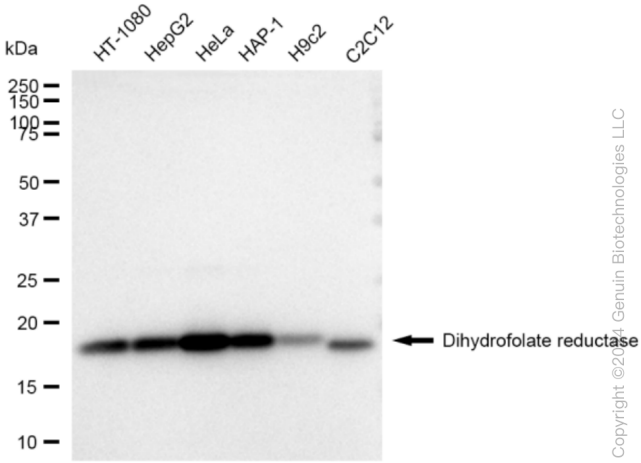

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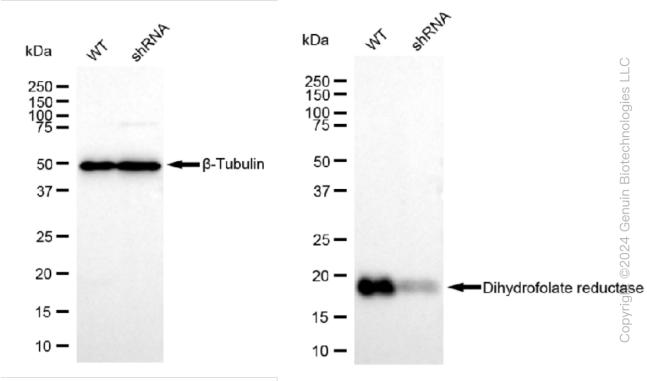
Western blotting analysis using anti-Dihydrofolate reductase antibody (Cat#ABG1194). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Dihydrofolate reductase antibody (Cat#ABG1194, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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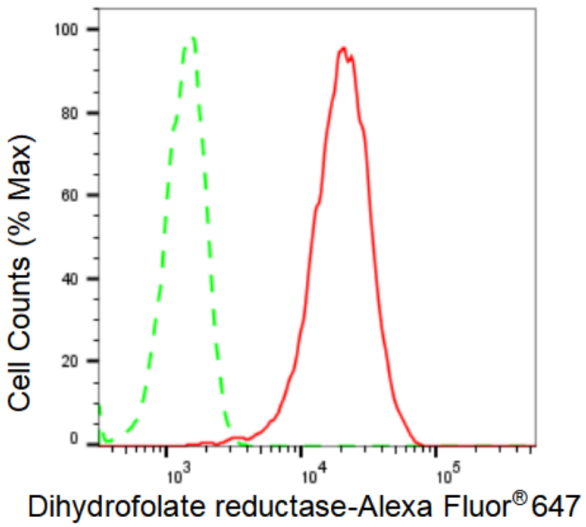
Western blotting analysis using anti-Dihydrofolate reductase antibody (Cat#ABG1194). Dihydrofolate reductase expression in wild type (WT) and Dihydrofolate reductase shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Dihydrofolate reductase antibody (Cat#ABG1194, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Dihydrofolate reductase expression in HeLa cells using Dihydrofolate reductase antibody (Cat#ABG1194, 1:2,000). Green, isotype control; red, Dihydrofolate reductase.

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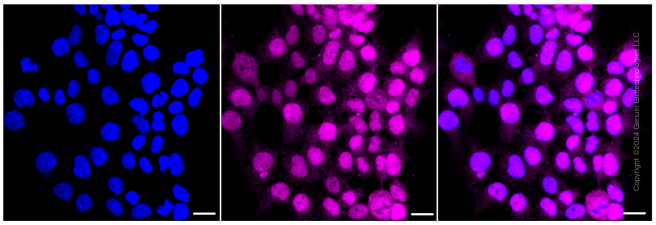

Immunocytochemical staining of Hela cells with Dihydrofolate reductase antibody (Cat#ABG1194, 1:1,000). Nuclei were stained blue with DAPI; Dihydrofolate reductase was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.