

KD-Validated Anti-MTHFR Rabbit Monoclonal Antibody

Rabbit monoclonal Antibody

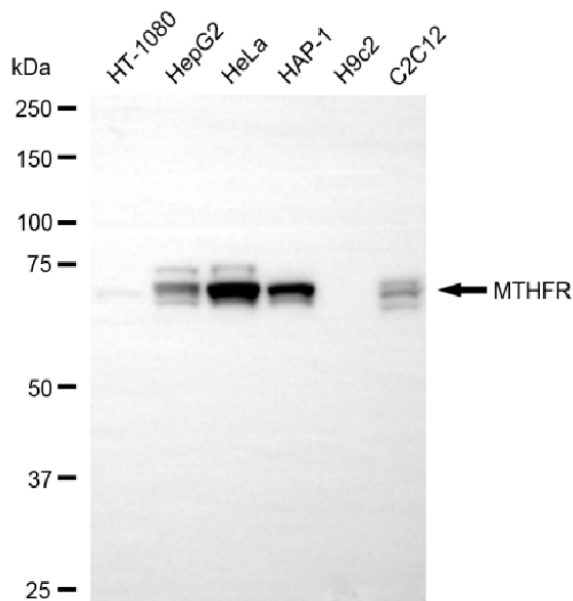
ABG2206

Product Overview

Name	KD-Validated Anti-MTHFR Rabbit Monoclonal Antibody
Accession(Primary)	P42898
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	Recombinant protein of human MTHFR
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 75kDa, observed, 70 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:1,000

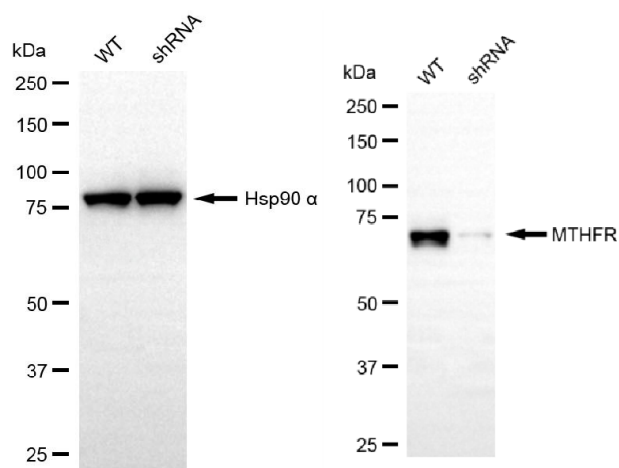
Target information (P42898)

Gene Name	MTHFR
About Gene Symbol	MTHFR (Methylenetetrahydrofolate 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.



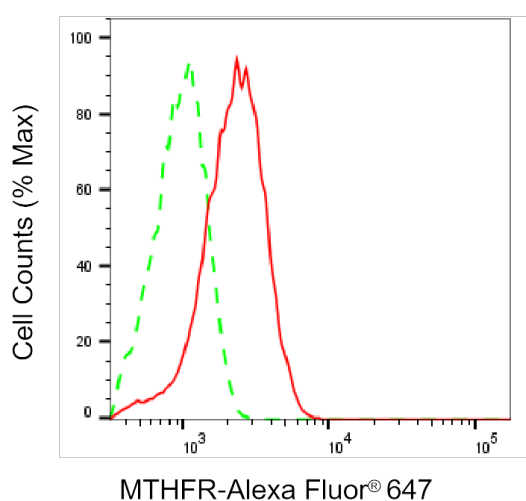
Copyright ©2025 Genuin Biotechnologies LLC

Western blotting analysis using anti-MTHFR antibody (Cat#ABG2206). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MTHFR antibody (Cat#ABG2206, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Copyright ©2025 Genuin Biotechnologies LLC

Western blotting analysis using anti-MTHFR antibody (Cat#ABG2206). MTHFR expression in wild-type (WT) and MTHFR 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-MTHFR antibody (Cat#ABG2206, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Copyright ©2025 Genuin Biotechnologies LLC

Flow cytometric analysis of MTHFR expression in HeLa cells using anti-MTHFR antibody (Cat#ABG2206, 1:2,000). Green, isotype control; red, MTHFR.