

KO-Validated Anti-GAPDH Mouse Monoclonal Antibody

Mouse monoclonal antibody

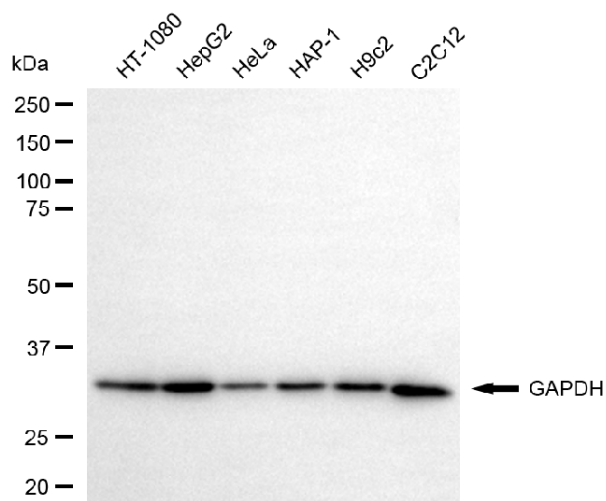
ABG2424

Product Overview

Name	KO-Validated Anti-GAPDH Mouse Monoclonal Antibody
Accession(Primary)	P04406
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG
Immunogen	A synthesized peptide derived from human GAPDH
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 36 kDa; observed, 36 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:4,000-1:20,000Flow Cytometry (FCM): 1:2,000

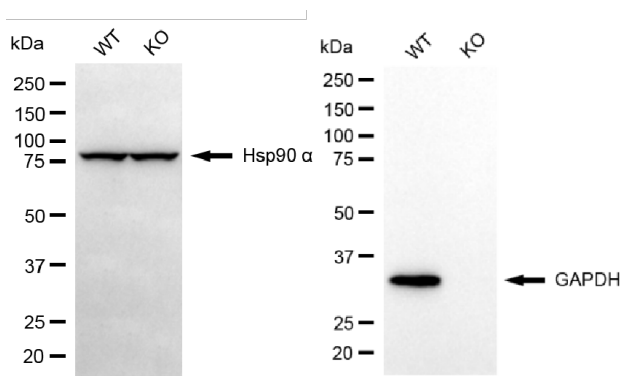
Target information (P04406)

Gene Name	GAPDH
About Gene Symbol	GAPDH (Glyceraldehyde-3-Phosphate Dehydrogenase) is a metabolic dehydrogenase involved in gene transcription and regulation. It is an important research target in aging research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



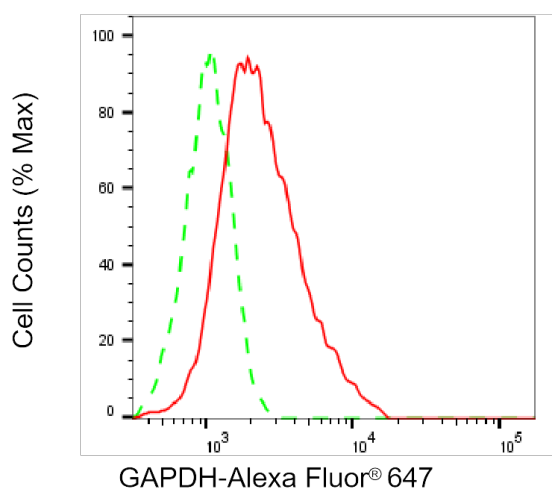
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Western blotting analysis using anti-GAPDH antibody (Cat#ABG2424). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-GAPDH antibody (Cat#ABG2424, 1:20,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Western blotting analysis using anti-GAPDH antibody (Cat#ABG2424). GAPDH expression in wild type (WT) and GAPDH knockout (KO) HSHC cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-GAPDH antibody (Cat#ABG2424, 1:20,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Flow cytometric analysis of GAPDH expression in HepG2 cells using anti-GAPDH antibody (Cat#ABG2424, 1:2,000). Green, isotype control; red, GAPDH.