

KD-Validated Anti-SMYD4 Mouse Monoclonal Antibody

Mouse monoclonal antibody

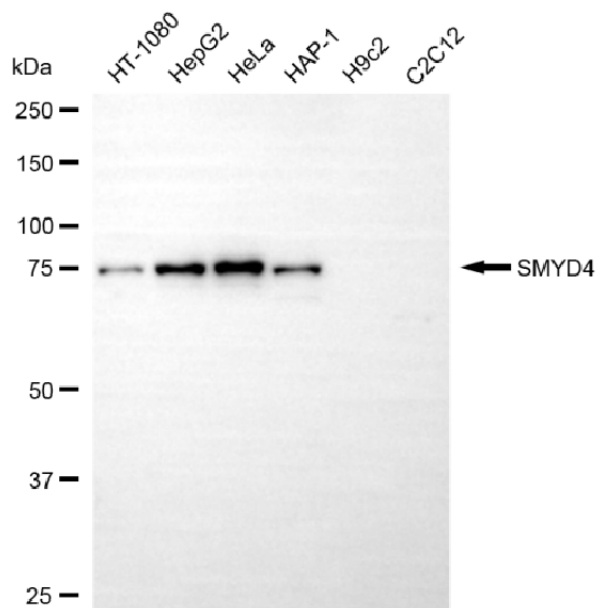
ABG2246

Product Overview

Name	KD-Validated Anti-SMYD4 Mouse Monoclonal Antibody
Accession(Primary)	Q8IYR2
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human SMYD4
Species Reactivity	Human
Calculated MW	Predicted, 89 kDa; observed, 75 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:400-1:2,000

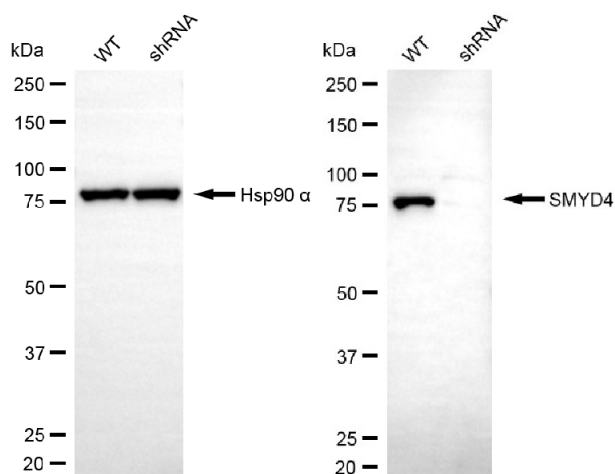
Target information (Q8IYR2)

Gene Name	SMYD4
About Gene Symbol	SMYD4 (SET And MYND Domain Containing 4) 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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Western blotting analysis using anti-SMYD4 antibody (Cat#ABG2246). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-SMYD4 antibody (Cat#ABG2246, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



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Western blotting analysis using anti-SMYD4 antibody (Cat#ABG2246). SMYD4 expression in wild-type (WT) and SMYD4 shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-SMYD4 antibody (Cat#ABG2246, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.