

KD-Validated Anti-SMYD3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

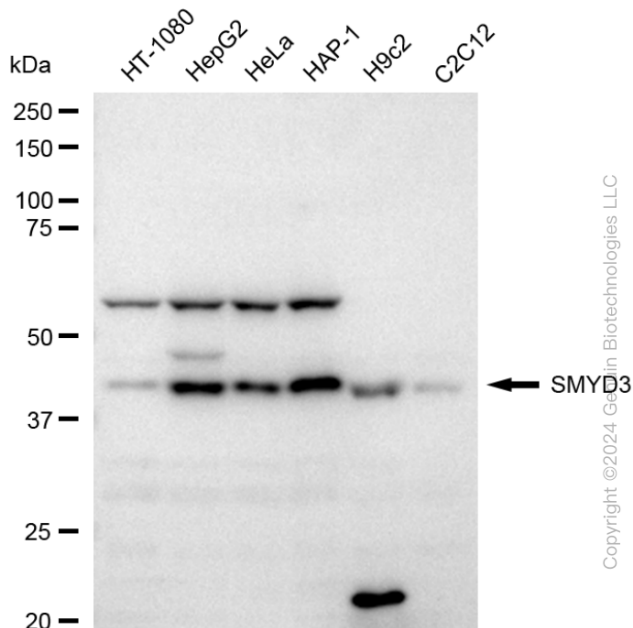
ABG1739

Product Overview

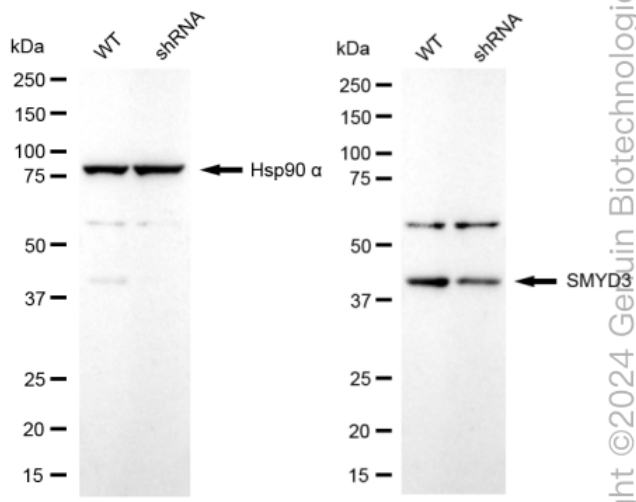
Name	KD-Validated Anti-SMYD3 Rabbit Monoclonal Antibody
Accession(Primary)	Q9H7B4
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human SMYD3
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 49 kDa , observed , 42 kDa
Storage Buffer	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 Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry (FCM): 1:2,000

Target information (Q9H7B4)

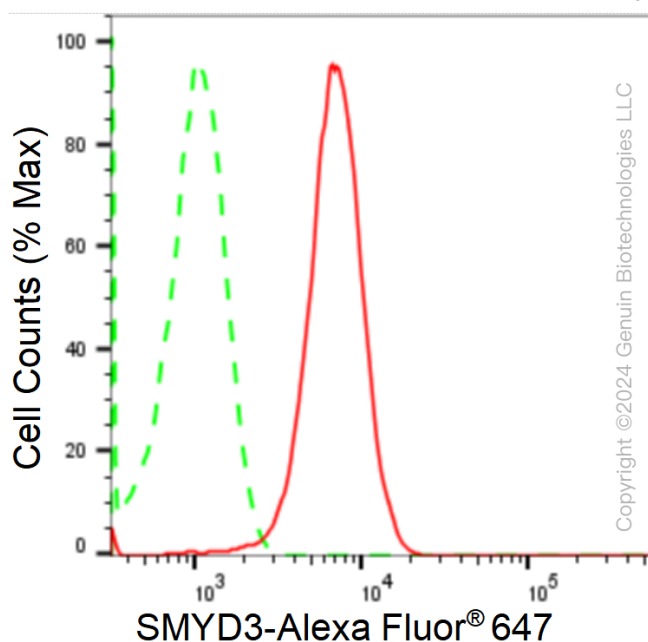
Gene Name	SMYD3
About Gene Symbol	SMYD3 (SET And MYND Domain Containing 3) is a methyltransferase involved in chromatin remodeling and epigenetics. It is an important research target in gene regulation, development, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



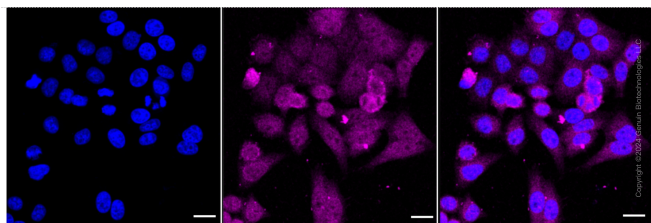
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Immunocytochemical staining of HepG2 cells with anti-SMYD3 antibody (Cat#ABG1739, 1:1,000).

Nuclei were stained blue with DAPI; SMYD3 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 μ m.