

Mouse Monoclonal Antibody to SETDB1

Catalogue Number	sAP-0483
Target Molecule	Name: SETDB1 Aliases: ESET; KG1T; KMT1E; KIAA0067; H3-K9-HMTase4; SETDB1 MW: 180kDa Entrez Gene ID: 9869
Description	This gene encodes a histone methyltransferase. The encoded enzyme catalyzes the reaction of S-adenosyl-L-methionine and histone L-lysine to produce S-adenosyl-L-homocysteine and histone N(6)-methyl-L-lysine. The encoded protein likely functions in transcriptional repression. Tissue specificity: Widely expressed. High expression in testis.
Immunogen	Purified recombinant fragment of human SETDB1 expressed in E. Coli.
Reactive Species	Human; Mouse; Monkey
Clone	MM5H6D4;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
Reconstitution/Storage	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Proteomics. 2005 Sep;5(14):3589-99. ; 2. Proc Natl Acad Sci U S A. 2006 Apr 4;103(14):5308-13. ; 3. Mol Cell Biochem. 2007 Nov;305(1-2):35-44.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**