

SETDB1 Ab

[Images\(1\)](#)

Cat.#: BF0093	Concn.: ~1mg/ml	Mol.Wt.: 180kDa
Size:	Source: Mouse	Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000
*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse,Monkey

Storage: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human SETDB1 expressed in E. Coli.

Uniprot: Q15047

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-methyl-L-lysine. The encoded protein likely functions in transcriptional repression. Tissue specificity: Widely expressed. High expression in testis.

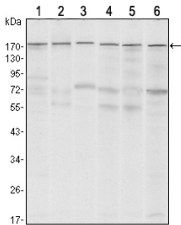


Figure 1: Western blot analysis using SETDB1 mouse mAb against MCF-7 (1),T47D (2), HEK293 (3), JURKAT (4), NIH/3T3 (5) and F9 (6) cell lysate.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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