



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to SETDB1

Catalog Number: MAB-606030131

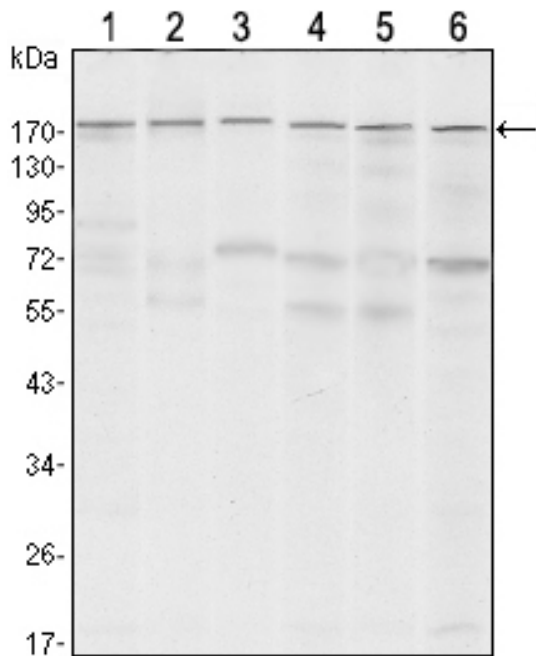


Figure 1: Western blot analysis using SETDB1 mouse mAb against MCF-7 (1) β -T47D (2), HEK293 (3), JURKAT (4), NIH/3T3 (5) and F9 (6) cell lysate.

Lot#: 5H6D4
Clone#: 5H6D4
Host and isotype: Mouse IgG1
Size: 0.1ml
MW: 180kDa
Aliases: ESET; KG1T; KMT1E; KIAA0067; H3-K9-HMTase4; SETDB1
Entrez Gene: 9869
Species reactivity: Human; Mouse; Monkey

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.

Application Western Blotting: 1/500 - 1/2000.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4°C, for long term storage, store at -20°C.

Related product References 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.

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