



# SETB2 Monoclonal Antibody

<b>Catalog No</b>	BYmab-06657
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	SETDB2 C13orf4 CLLD8 KMT1F
<b>Protein Name</b>	Histone-lysine N-methyltransferase SETDB2 (EC 2.1.1.43) (Chronic lymphocytic leukemia deletion region gene 8 protein) (Lysine N-methyltransferase 1F) (SET domain bifurcated 2)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	SETB2 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	79kD
<b>Cell Pathway</b>	Nucleus . Chromosome .
<b>Tissue Specificity</b>	Ubiquitous. Highest expression in heart, testis and ovary.
<b>Function</b>	catalytic activity:S-adenosyl-L-methionine + histone L-lysine = S-adenosyl-L-homocysteine + histone N(6)-methyl-L-lysine.,function:Probable histone methyltransferase.,similarity:Belongs to the histone-lysine methyltransferase family.,similarity:Contains 1 MBD (methyl-CpG-binding) domain.,similarity:Contains 1 pre-SET domain.,similarity:Contains 1 SET domain.,tissue specificity:Ubiquitous. Highest expression in heart, testis and ovary.,
<b>Background</b>	SET domain bifurcated 2(SETDB2) Homo sapiens This gene encodes a member of a family of proteins that contain a methyl-CpG-binding domain (MBD) and a SET domain and function as histone methyltransferases. This protein is

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recruited to heterochromatin and plays a role in the regulation of chromosome segregation. This region is commonly deleted in chronic lymphocytic leukemia. Naturally-occurring readthrough transcription occurs from this gene to the downstream PHF11 (PHD finger protein 11) gene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images