



# KMT3C/SMYD2 mouse mAb

<b>Catalog No</b>	BYab-01064
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	smyd2
<b>Protein Name</b>	
<b>Immunogen</b>	Purified recombinant human KMT3C / SMYD2 protein fragments expressed in E.coli.
<b>Specificity</b>	This antibody detects endogenous levels of KMT3C / SMYD2 and does not cross-react with related proteins.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	wb 1:1000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Histone methyltransferase SMYD2;HSKM B;HSKM-B;HSKMB;KMT3C;Lysine N-methyltransferase 3C; MGC119305;N lysine methyltransferase SMYD2;N-lysine methyltransferase SMYD2;SET and MYND domain containing 2;SET and MYND domain containing protein 2;SET and MYND domain-containing protein 2;Smyd2;SMYD2_HUMAN;Zinc finger MYND domain containing 14;ZMYND14.
<b>Observed Band</b>	50kD
<b>Cell Pathway</b>	Cytoplasm, cytosol . Nucleus .
<b>Tissue Specificity</b>	Brain,Colon,Liver cancer,Testis,
<b>Function</b>	similarity:Contains 1 MYND-type zinc finger.,similarity:Contains 1 SET domain.,
<b>Background</b>	SET and MYND domain containing 2(SMYD2) Homo sapiens SET domain-containing proteins, such as SMYD2, catalyze lysine methylation (Brown

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et al., 2006 [PubMed 16805913]).[supplied by OMIM, Nov 2008],

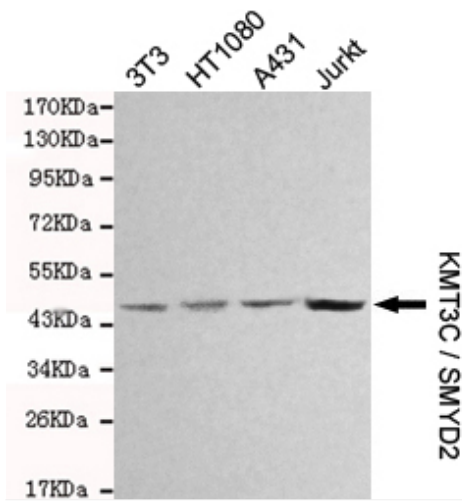
**matters needing attention**

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



Western blot detection of KMT3C / SMYD2 in 3T3,HT1080,A431 and Jurkat cell lysates and using KMT3C / SMYD2 mouse mAb (1:1000 diluted). Predicted band size: 50KDa.Observed band size: 50KDa.

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