

## SMYD1 mouse mAb

<b>Catalog No :</b>	YM1230
<b>Reactivity :</b>	Rat
<b>Applications :</b>	WB
<b>Target :</b>	SMYD1
<b>Fields :</b>	>>Lysine degradation;>>Metabolic pathways
<b>Gene Name :</b>	smyd1
<b>Human Gene Id :</b>	150572
<b>Human Swiss Prot No :</b>	Q8NB12
<b>Mouse Swiss Prot No :</b>	P97443
<b>Immunogen :</b>	Purified recombinant human SMYD1 protein fragments expressed in E.coli.
<b>Specificity :</b>	This antibody detects endogenous levels of SMYD1 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>Dilution :</b>	wb 1:100
<b>Purification :</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	56kD

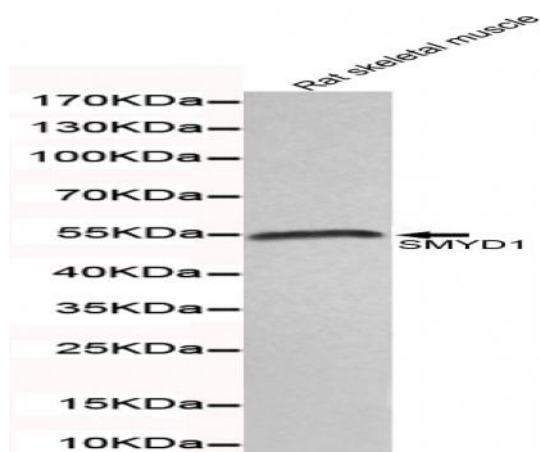
**Background :** function:Acts as a transcriptional repressor. Essential for cardiomyocyte differentiation and cardiac morphogenesis.,similarity:Contains 1 MYND-type zinc finger.,similarity:Contains 1 SET domain.,subunit:Interacts with HDAC1, HDAC2 and HDAC3.,

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**Subcellular Location :** Cytoplasm . Nucleus .

**Expression :** Expression seems mostly restricted to heart and skeletal muscle.

## Products Images



Western blot detection of SMYD1 in rat skeletal muscle lysates and using SMYD1 mouse mAb (1:100 diluted). Predicted band size: 56KDa.Observed band size: 56KDa.