

## Product datasheet for **TA347053**

### **SMYD1 Mouse Monoclonal Antibody [Clone ID: 2E11-B6-C7]**

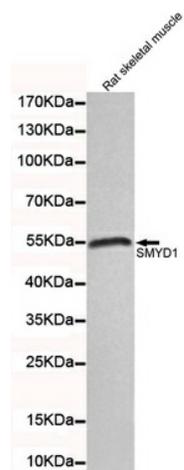
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	2E11-B6-C7
<b>Applications:</b>	WB
<b>Recommend Dilution:</b>	WB: 1:100
<b>Reactivity:</b>	Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2b
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	The immunogen for SMYD1 antibody: purified recombinant human SMYD1 protein fragments expressed in E.coli.
<b>Formulation:</b>	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.02% sodium azide, 50% glycerol
<b>Purification:</b>	Affinity purified
<b>Predicted Protein Size:</b>	56 kDa
<b>Gene Name:</b>	SET and MYND domain containing 1
<b>Database Link:</b>	<a href="#">NP_938015</a> <a href="#">Entrez Gene 297333</a> <a href="#">Rat</a>
<b>Background:</b>	Acts as a transcriptional repressor. Essential for cardiomyocyte differentiation and cardiac morphogenesis By similarity.
<b>Synonyms:</b>	BOP; KMT3D; ZMYND18; ZMYND22
<b>Protein Families:</b>	Druggable Genome



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## Product 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.