

**bsm-63175R****[ Primary Antibody ]**

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**AMPK beta 1 Recombinant Rabbit mAb****— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 3A10**GeneID:** 5564**SWISS:** Q9Y478**Target:** AMPK beta 1**Immunogen:** A synthesized peptide derived from human AMPK beta 1: 100-150.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Non-catalytic subunit of AMP-activated protein kinase (AMPK), an energy sensor protein kinase that plays a key role in regulating cellular energy metabolism. In response to reduction of intracellular ATP levels, AMPK activates energy-producing pathways and inhibits energy-consuming processes: inhibits protein, carbohydrate and lipid biosynthesis, as well as cell growth and proliferation.**Applications:** **WB** (1:1000-1:2000)**Flow-Cyt** (1:20-1:100)**Reactivity:** Human, Mouse, Rat**Predicted  
MW.:** 30 kDa**Subcellular  
Location:** Cytoplasm ,Nucleus