

## Anti-PRKAA1 antibody [5G11] (STJ97538)

STJ97538

### GENERAL INFORMATION

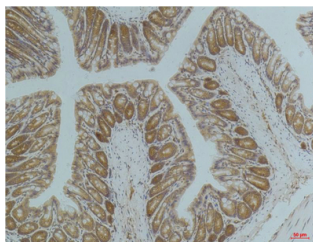
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-5 Amp-Activated Protein Kinase Catalytic Subunit Alpha-1 is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence research applications.
<b>Applications</b>	WB, IHC-P, IF-P
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human, Rat, Mouse

### PRODUCT PROPERTIES

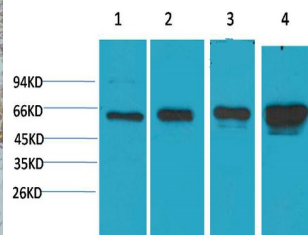
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	5G11
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
<b>Dilution</b>	WB 1:1000-2000
<b>Range</b>	IHC 1:50-100
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG1
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

<b>Gene ID</b>	5562
<b>Gene Symbol</b>	PRKAA1
<b>Uniprot ID</b>	AAPK1_HUMAN
<b>Immunogen</b>	Synthetic peptide of AMPK Alpha 1
<b>Immunogen Region</b>	
<b>Specificity</b>	PRKAA1 monoclonal antibody (5 NA-Amp-Activated Protein Kinase Catalytic Subunit Alpha-1) binds to endogenous 5 NA-Amp-Activated Protein Kinase Catalytic Subunit Alpha-1.
<b>Immunogen Sequence</b>	



Immunohistochemical analysis of paraffin-embedded Mouse Colon Tissue using AMPK a1 Mouse mAb diluted at 1:200.



Western blot analysis of 1) HeLa, 2) 293T, 3) 3T3, 4) PC12 with AMPK a1 Mouse mAb diluted at 1:2,000.