

## Anti-PRKAB1 antibody [1A7-E11-E9] (STJ99185)

STJ99185

### GENERAL INFORMATION

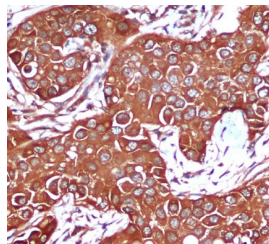
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-5 AMP-activated protein kinase subunit beta-1 is suitable for use in Western Blot, Immunocytochemistry, Immunoprecipitation and Immunohistochemistry research applications.
<b>Applications</b>	WB/ICC/IP/IHC
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human/Mouse/Rat/Monkey

### PRODUCT PROPERTIES

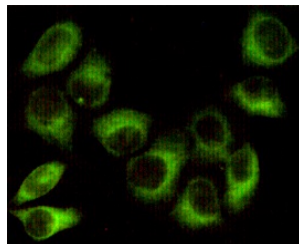
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	1A7-E11-E9
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:1000
<b>Range</b>	ICC 1:100
<b>Formulation</b>	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG2a
<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

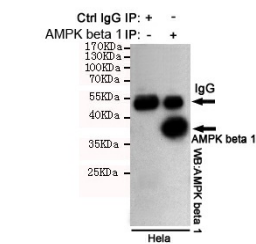
<b>Gene ID</b>	5564
<b>Gene Symbol</b>	PRKAB1
<b>Uniprot ID</b>	AAKB1_HUMAN
<b>Immunogen</b>	Purified recombinant human AMPK beta 1 protein fragments expressed in E.coli.
<b>Immunogen Region</b>	
<b>Specificity</b>	This antibody detects endogenous levels of AMPK beta 1 and does not cross-react with related proteins.
<b>Immunogen Sequence</b>	



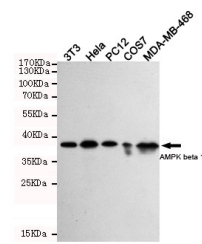
Immunohistochemical analysis of paraffin-embedded Breast cancer using AMPK beta 1 mouse mAb (1/200 dilution). Antigen retrieval was performed by pressure cooking in citrate buffer (pH 6.0).



Immunocytochemistry staining of HeLa cells fixed with 1% Paraformaldehyde and using AMPK beta 1 mouse mAb (dilution 1:100).



Immunoprecipitation analysis of HeLa cell lysates using AMPK beta 1 mouse mAb.



Western blot detection of AMPK beta 1 in 3T3, HeLa, PC-12, COS7 and MDA-MB-468 cell lysates using AMPK beta 1 mouse mAb (1:1000 diluted). Predicted band size: 38 kDa. Observed band size: 38 kDa. Exposure time: 5 min.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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