BRSK2 (Phospho Thr260) mouse mAb

Catalog No	BYmab-10423
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	BRSK2 C11orf7 PEN11B SADA STK29 HUSSY-12
Protein Name	BRSK2 (Phospho Thr260)
Immunogen	Synthesized peptide derived from human BRSK2 (Phospho Thr260)
Specificity	This antibody detects endogenous levels of Human,Mouse,Rat BRSK2 (Phospho Thr260)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Serine/threonine-protein kinase BRSK2 (EC 2.7.11.1;Brain-selective kinase 2;EC 2.7.11.26;Brain-specific serine/threonine-protein kinase 2;BR serine/threonine-protein kinase 2;Serine/threonine-protein kinase 29;Serine/threonine-protein kinase SAD-A)
Observed Band	78kD
Cell Pathway	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, perinuclear region. Endoplasmic reticulum. Detected at centrosomes during mitosis. Localizes to the endoplasmic reticulum in response to stress caused by tunicamycin.
Tissue Specificity	Detected in pancreas islets (at protein level).
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Thr-174 by STK11 in complex with STE20-related adapter-alpha (STRAD alpha) pseudo kinase and CAB39.,function:Required for the polarization of forebrain neurons which endows axons and dendrites with distinct properties, possibly by locally regulating phosphorylation of

	microtubule-associated proteins.,sequence caution:Translated as Gly.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. AMPK subfamily.,similarity:Contains 1 protein kinase domain.,
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matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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