



# STK31 Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-06127
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	STK31 SGK396
<b>Protein Name</b>	Serine/threonine-protein kinase 31 (EC 2.7.11.1) (Serine/threonine-protein kinase NYD-SPK) (Sugen kinase 396) (SgK396)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 450-530
<b>Specificity</b>	STK31 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	112kD
<b>Cell Pathway</b>	acrosomal vesicle,nucleus,cytoplasm,
<b>Tissue Specificity</b>	Testis specific.
<b>Function</b>	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,caution:Ser-854 is present instead of the conserved Asp which is expected to be an active site residue.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 Tudor domain.,tissue specificity:Testis specific.,
<b>Background</b>	This gene is similar to a mouse gene that encodes a putative protein kinase with a tudor domain, and shows testis-specific expression. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**