

**bsm-51374M****[ Primary Antibody ]****PGK1 Mouse mAb****BioSS**  
**ANTIBODIES**

www.bioss.com.cn

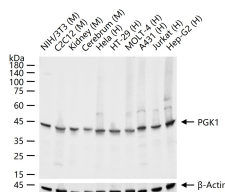
sales@bioss.com.cn

techsupport@bioss.com.cn

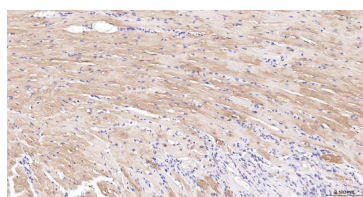
400-901-9800

**— DATASHEET —**

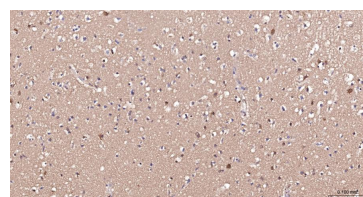
<b>Host:</b> Mouse	<b>Isotype:</b> IgG2a, κ	<b>Applications:</b> WB (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)
<b>Clonality:</b> Monoclonal	<b>CloneNo.:</b> 6C1	
<b>GeneID:</b> 5230	<b>SWISS:</b> P00558	
<b>Target:</b> PGK1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PGK1: 1-417/417.		
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Human, Mouse
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 44 kDa  <b>Subcellular Location:</b> Cytoplasm
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> The protein encoded by this gene is a glycolytic enzyme that catalyzes the conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate. The encoded protein may also act as a cofactor for polymerase alpha. This gene lies on the X-chromosome, while a related pseudogene also has been found on the X-chromosome and another on chromosome 19. [provided by RefSeq]		

**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with PGK1 monoclonal antibody, unconjugated (bsm-51374M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Mouse Heart; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with PGK1 Monoclonal Antibody, Unconjugated (bsm-51374M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with PGK1 Monoclonal Antibody, Unconjugated (bsm-51374M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.