

bsm-33376M**[Primary Antibody]**

Bioss
ANTIBODIES

www.bioss.com.cn

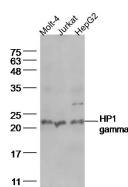
sales@bioss.com.cn

techsupport@bioss.com.cn

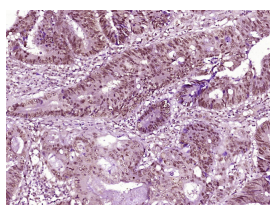
400-901-9800

HP1 gamma Mouse mAb**— DATASHEET —**

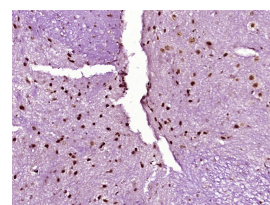
Host: Mouse	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Rat (predicted: Mouse) Predicted MW.: 21 kDa Subcellular Location: Nucleus
Clonality: Monoclonal	CloneNo.: 6F4	
GeneID: 11335	SWISS: Q13185	
Target: HP1 gamma		
Immunogen: Recombinant human HP1 gamma Protein: full length.		
Purification: affinity purified by Protein G		
Concentration: 1mg/ml		
Storage: Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: HP1 gamma appears to be involved in transcriptional silencing in heterochromatin-like complexes. It recognizes and binds histone H3 tails methylated at 'Lys-9', leading to epigenetic repression. HP1 gamma may contribute to the association of the heterochromatin with the inner nuclear membrane through its interaction with lamin B receptor (LBR) and involved in the formation of functional kinetochore through interaction with MIS12 complex proteins.		

— VALIDATION IMAGES —

Sample: Molt-4 cell (human) Lysate at 30 ug
jurkat cell (human) Lysate at 30 ug
HepG2 cell (human) Lysate at 30 ug
Primary: Anti- HP1 gamma(bsm-33376M)at 1/5000 dilution
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution
Predicted band size: 21 kD
Observed band size: 21 kD



Paraformaldehyde-fixed, paraffin embedded (Human cervical carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (HP1 gamma) Monoclonal Antibody, Unconjugated (cell supernatant of bsm-33376M) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat spinal cord); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (HP1 gamma) Monoclonal Antibody, Unconjugated (cell supernatant of bsm-33376M) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.