

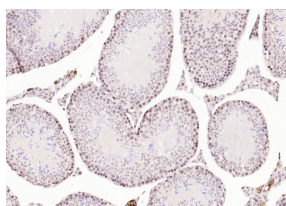
**bsm-34140M****[ Primary Antibody ]****PMS2 Mouse mAb****BioSS**  
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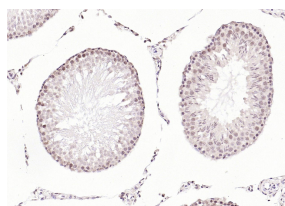
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**— DATASHEET —****Host:** Mouse**Clonality:** Monoclonal**GeneID:** 5395**Target:** PMS2**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Proclin300.  
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**Background:** This gene is one of the PMS2 gene family members found in clusters on chromosome 7. The product of this gene is involved in DNA mismatch repair. It forms a heterodimer with MLH1 and this complex interacts with other complexes bound to mismatched bases. Mutations in this gene are associated with hereditary nonpolyposis colorectal cancer, Turcot syndrome, and are a cause of supratentorial primitive neuroectodermal tumors. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jul 2008].**Applications:** **IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Mouse, Rat  
(predicted: Human)**Predicted  
MW.:** 103 kDa**Subcellular  
Location:** Nucleus**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (mouse testis); 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; Incubation with (PMS2) Monoclonal Antibody, Unconjugated (bsm-34140M) at 1:100 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat testis); 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; Incubation with (PMS2) Monoclonal Antibody, Unconjugated (bsm-34140M) at 1:100 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.