

PMS2 Rabbit mAb

Catalog Number: bsm-55559R

Target Protein: PMS2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Monoclonal

Clone No.: 10C4

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human

Predicted MW: 103 kDa

Entrez Gene: 5395

Swiss Prot: P54278

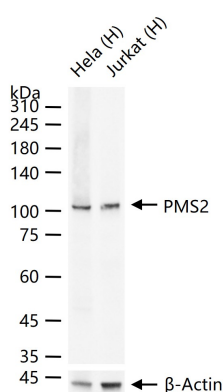
Purification: affinity purified by Protein A

Storage: 0.01M PBS (pH7.2) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

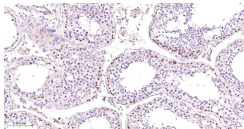
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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].

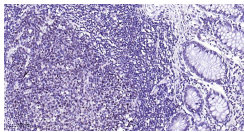
VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with PMS2 monoclonal antibody, unconjugated (bsm-55559R) 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 Human Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PMS2 Monoclonal Antibody, Unconjugated(bsm-55559R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PMS2 Monoclonal Antibody, Unconjugated(bsm-55559R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.