
PTPN2 Recombinant Mouse mAb

Catalog Number: bsm-60446M

Target Protein: PTPN2

Concentration: 1mg/ml

Form: Liquid

Host: Mouse

Clonality: Recombinant

Clone No.: F3H2

Isotype: IgG1/Kappa

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (1ug/Test),
ICC/IF (1:50-200)

Reactivity: Human, Mouse, Rat

Subcellular Cell membrane ,Cytoplasm ,Nucleus

Locations:

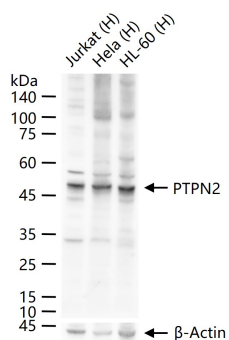
Purification: affinity purified by Protein G

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

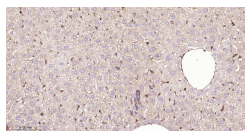
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. Members of the PTP family share a highly conserved catalytic motif, which is essential for the catalytic activity. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. Epidermal growth factor receptor and the adaptor protein Shc were reported to be substrates of this PTP, which suggested the roles in growth factor mediated cell signaling. Multiple alternatively spliced transcript variants encoding different isoforms have been found. Two highly related but distinctly processed pseudogenes that localize to chromosomes 1 and 13, respectively, have been reported. [provided by RefSeq, May 2011]

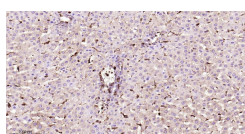
VALIDATION IMAGES



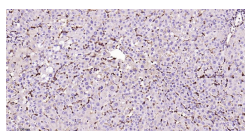
25 ug total protein per lane of various lysates (see on figure) probed with PTPN2 monoclonal antibody, unconjugated (bsm-60446M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



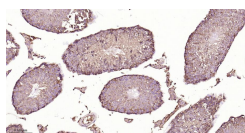
Paraformaldehyde-fixed, paraffin embedded Mouse Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PTPN2 Monoclonal Antibody, Unconjugated(bsm-60446M) at 1:50 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



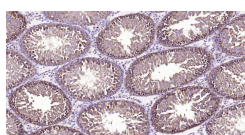
Paraformaldehyde-fixed, paraffin embedded Rat Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PTPN2 Monoclonal Antibody, Unconjugated(bsm-60446M) at 1:50 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PTPN2 Monoclonal Antibody, Unconjugated(bsm-60446M) at 1:50 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PTPN2 Monoclonal Antibody, Unconjugated(bsm-60446M) at 1:50 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PTPN2 Monoclonal Antibody, Unconjugated(bsm-60446M) at 1:50 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.