

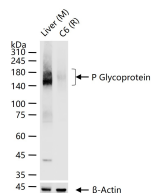
bsm-54782R**[Primary Antibody]****BioSS**
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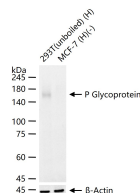
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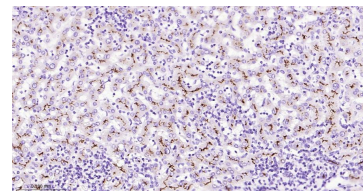
400-901-9800

P Glycoprotein Recombinant Rabbit mAb**DATASHEET****Host:** Rabbit**Clonality:** Recombinant**GeneID:** 5243**Target:** P Glycoprotein**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 1*TBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.02% Proclin300.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**Background:** bs-1468P is one synthetic peptide derived from human MDR1. P Glycoprotein, the product of the MDR1 gene, is expressed in distinct non-malignant cells, typically cells with secretory and excretory functions. It is assumed to function as an ATP-dependent drug efflux pump with broad substrate specificity. The highest expression of P Glycoprotein has been observed in kidney (proximal tubules), liver (bile canaliculi), adrenal gland and intestine, suggesting that the primary role of P Glycoprotein is in the normal secretion of physiological metabolites and ingested chemicals into bile, urine and the lumen of the intestinal tract. Elevated levels of P Glycoprotein have also been reported in multidrug-resistant cell lines and in colon, endometrial, ovarian, and breast tumors, as well as in sarcomas and leukemias / lymphomas.**Isotype:** IgG**CloneNo.:** 2C11**SWISS:** P08183**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 141 kDa**Subcellular Location:** Cell membrane**VALIDATION IMAGES**

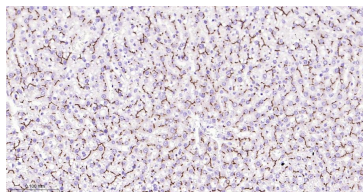
25 ug total protein per lane of various lysates (see on figure) probed with P Glycoprotein monoclonal antibody, unconjugated (bsm-54782R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



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Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with P Glycoprotein Monoclonal Antibody, Unconjugated(bsm-54782R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-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 P Glycoprotein Monoclonal Antibody, Unconjugated(bsm-54782R) at 1:200 overnight at 4°C, followed by conjugation to the

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

bs-0295G-HRP and DAB (C-0010) staining.