SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-ABCB1 Monoclonal Antibody

Catalog Number: SLA0474M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1, k
Clonality:	Monoclonal
GeneID:	5243
SWISS:	P08183
Target:	ABCB1
Immunogen:	KLH conjugated synthetic peptide derived from human MDR1
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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.
Applications:	IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse
Predicted MW.:	141 kDa
Subcellular Location:	Membrane
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

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

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	tumors, as well as in sarcomas and leukemias / lymphomas.

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