

# P Glycoprotein Rabbit mAb

Catalog # AP75845

## Product Information

Application	WB
Primary Accession	<a href="#">P08183</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	141479

## Additional Information

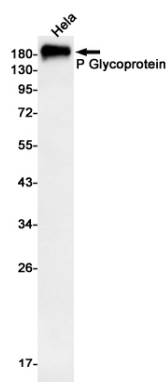
Gene ID	5243
Other Names	ABCB1
Dilution	WB~~1/500-1/1000
Format	Liquid

## Protein Information

Name	ABCB1 ( <a href="#">HGNC:40</a> )
Synonyms	MDR1, PGY1
Function	<p>Translocates drugs and phospholipids across the membrane (PubMed:<a href="#">2897240</a>, PubMed:<a href="#">35970996</a>, PubMed:<a href="#">8898203</a>, PubMed:<a href="#">9038218</a>, PubMed:<a href="#">35507548</a>). Catalyzes the flop of phospholipids from the cytoplasmic to the exoplasmic leaflet of the apical membrane. Participates mainly to the flop of phosphatidylcholine, phosphatidylethanolamine, beta-D-glucosylceramides and sphingomyelins (PubMed:<a href="#">8898203</a>). Energy-dependent efflux pump responsible for decreased drug accumulation in multidrug-resistant cells (PubMed:<a href="#">2897240</a>, PubMed:<a href="#">35970996</a>, PubMed:<a href="#">9038218</a>).</p>
Cellular Location	<p>Cell membrane; Multi-pass membrane protein {ECO:0000255 PROSITE-ProRule:PRU00441} Apical cell membrane. Cytoplasm Note=ABCB1 localization is influenced by C1orf115 expression levels (plasma membrane versus cytoplasm). Localized to the apical membrane of enterocytes (PubMed:28408210).</p>
Tissue Location	<p>Expressed in small intestine (PubMed:28408210). Expressed in liver, kidney and brain.</p>

## Images

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