

P Glycoprotein Rabbit mAb
Catalog # AP78971**Specification****P Glycoprotein Rabbit mAb - Product Information**

Application	WB
Primary Accession	P08183
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	141479

P Glycoprotein Rabbit mAb - Additional Information

Gene ID 5243

Other Names

ABCB1

Dilution

WB~~1/500-1/1000

Format

Liquid

P Glycoprotein Rabbit mAb - Protein InformationName ABCB1 ([HGNC:40](#))

Synonyms MDR1, PGY1

Function

Translocates drugs and phospholipids across the membrane (PubMed: [2897240](http://www.uniprot.org/citations/2897240), PubMed: [35970996](http://www.uniprot.org/citations/35970996), PubMed: [8898203](http://www.uniprot.org/citations/8898203), PubMed: [9038218](http://www.uniprot.org/citations/9038218), PubMed: [35507548](http://www.uniprot.org/citations/35507548)). 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: [8898203](http://www.uniprot.org/citations/8898203)).

Energy-dependent efflux pump responsible for decreased drug accumulation in multidrug-resistant cells (PubMed: [2897240](http://www.uniprot.org/citations/2897240), PubMed: [35970996](http://www.uniprot.org/citations/35970996), PubMed: [9038218](http://www.uniprot.org/citations/9038218)).

Cellular Location

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).

Tissue Location

Expressed in small intestine (PubMed:28408210). Expressed in liver, kidney and brain.

P Glycoprotein Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

P Glycoprotein Rabbit mAb - Images

