

Anti-ABCB1 / MDR1 / P Glycoprotein Antibody (clone 3B2)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17849**Specification****Anti-ABCB1 / MDR1 / P Glycoprotein Antibody (clone 3B2) - Product Information**

Application	IHC-P
Primary Accession	P08183
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Calculated MW	141479

Anti-ABCB1 / MDR1 / P Glycoprotein Antibody (clone 3B2) - Additional Information**Gene ID** 5243**Alias Symbol** **ABCB1****Other Names**

ABCB1, ABC20, Abcb1b, CLCS, Colchicin sensitivity, CD243, Doxorubicin resistance, IBD13, gp170, MDR1, Multidrug resistance protein 1, P glycoprotein, P-glycoprotein 1, P-GP, CD243 antigen, PGY1

Target/Specificity

Human ABCB1 / MDR1

Reconstitution & Storage

Protein A/G purified

Precautions

Anti-ABCB1 / MDR1 / P Glycoprotein Antibody (clone 3B2) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-ABCB1 / MDR1 / P Glycoprotein Antibody (clone 3B2) - Protein Information**Name** ABCB1 ([HGNC:40](#))**Synonyms** MDR1, PGY1**Function**

Translocates drugs and phospholipids across the membrane (PubMed:8898203, PubMed:2897240, PubMed:9038218, PubMed:35970996). 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). Energy-dependent efflux pump responsible for decreased drug accumulation in multidrug-resistant cells (PubMed:2897240, PubMed:9038218, PubMed:35970996).

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.

Anti-ABCB1 / MDR1 / P Glycoprotein Antibody (clone 3B2) - 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](#)

Anti-ABCB1 / MDR1 / P Glycoprotein Antibody (clone 3B2) - Images