



Anti-ABCB1 monoclonal antibody, clone FQS21475 (DCABH-5160)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to P Glycoprotein
Antigen Description	Energy-dependent efflux pump responsible for decreased drug accumulation in multidrug-resistant cells.
Immunogen	Recombinant fragment corresponding to residues in Human P Glycoprotein (P08183).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	FQS21475
Conjugate	Unconjugated
Applications	WB, IHC-P
Positive Control	HeLa, 293T and Human fetal brain lysates, Human kidney & liver tissue
Format	Liquid
Size	100 µl
Buffer	Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ABCB1 ATP-binding cassette, sub-family B (MDR/TAP), member 1 [Homo sapiens]
Official Symbol	ABCB1
Synonyms	ABCB1; ATP-binding cassette, sub-family B (MDR/TAP), member 1; CLCS, colchicin sensitivity , MDR1, PGY1; multidrug resistance protein 1; ABC20; CD243; GP170; P gp; P-glycoprotein 1; colchicin sensitivity; doxorubicin resistance; CLCS; MDR1; P-GP; PGY1;
Entrez Gene ID	5243
Protein Refseq	NP_000918
UniProt ID	A4D1D2
Chromosome Location	7q21.12
Pathway	ABC transporters, organism-specific biosystem; ABC transporters, conserved biosystem; ABC-family proteins mediated transport, organism-specific biosystem; Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Codeine and morphine metabolism, organism-specific biosystem; HIF-1-alpha transcription factor network, organism-specific biosystem;
Function	ATP binding; ATPase activity; ATPase activity, coupled to transmembrane movement of substances; hydrolase activity; nucleotide binding; protein binding; transporter activity; xenobiotic-transporting ATPase activity;