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39-1066: Anti-P-Glycoprotein (MDR) Monoclonal Antibody (Clone: F4)

Clonality :	Monoclonal
Clone Name :	F4
Application :	WB,IHC-P,IHC-F,ICC
Reactivity :	Human
Gene :	ABCB1
Gene ID :	5243
Uniprot ID :	P08183
Alternative Name :	Multidrug resistance protein 1A; 3.6.3.44; ATP-binding cassette sub-family B member 1A; MDR1A; Multidrug resistance protein 3; P-glycoprotein 3; Abcb1a; Abcb4, Mdr1a, Mdr3, Pgy-3, Pgy3
Isotype :	Mouse IgG1
Immunogen Information :	Mixture of human and hamster drug-resistant whole cells and crude plasma membranes.

Description

P-Glycoprotein,, also known as Multidrug Resistance 1(MDR1), is one of the ATP-binding cassette transporters family. P-glycoprotein-1 is involved in the transport of 3 of these protease inhibitors in vitro. MDR1 gene is mapped to the 7q21.1 by in situ hybridization. The MDR1 gene product, P-glycoprotein, mediates the transport of the cardiac glycoside, digoxin.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 0.5-1ÃÂ¼g/ml; Immunohistochemistry(Paraffin-embedded Section) : 1-2ÃÂ¼g/ml; Immunohistochemistry(Frozen Section) : 1-2ÃÂ¼g/ml; Immunocytochemistry : 1ÃÂ¼g/ml

For Research Use Only. Not for use in diagnostic/therapeutics procedures.