

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	F4
<b>Application :</b>	WB,IHC-P,IHC-F,ICC
<b>Reactivity :</b>	Human
<b>Gene :</b>	ABCB1
<b>Gene ID :</b>	5243
<b>Uniprot ID :</b>	P08183
<b>Alternative Name :</b>	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
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	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

<b>Amount :</b>	100 µg/vial
<b>Purification :</b>	Ascites
<b>Content :</b>	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.
<b>Storage condition :</b>	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 : 0.5-1µg/ml; Immunohistochemistry(Paraffin-embedded Section) : 1-2µg/ml;  
Immunohistochemistry(Frozen Section) : 1-2µg/ml; Immunocytochemistry : 1µg/ml