Product datasheet

Anti-P glycoprotein/ABCB1 Antibody (Clone#F4)

Catalog Number: *BM0508*

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Basic Information

Product Name	Anti-P glycoprotein/ABCB1 Antibody (Clone#F4)
Gene Name	ABCB1
Source	Mouse
Isotype	IgG1
Species Reactivity	human
Tested Application	WB, IHC, IHC-F, ICC
Contents	200ug/ml antibody with PBS， 0.02% NaN3 , 1mg BSA and 50% glycerol.
Immunogen	Mixture of human and hamster drug-resistant whole cells and crude plasma membranes.
concentration	200ug/ml
Purification	Ascites
Observed MW	130-180KD
Dilution Ratios	Western blot(WB): 1:500-2000 Immunohistochemistry in paraffin section (IHC): 1:50-400 Immunohistochemistry in frozen section (IHC-F): 1:50-400 Immunocytochemistry: 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt，-20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

Background Information

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.

Reference

Anti-P glycoprotein/ABCB1 Antibody (Clone#F4)被引用在1文献中。

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Selected Validation Data