

MDR1 Antibody Multidrug Resistance 1 [clone F4] (R30052)

Catalog No.	Formulation	Size
R30052	0.5mg/ml with 1% BSA and 0.01% sodium azide if reconstituted with 0.2ml sterile 1X PBS	100 ug

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Availability	1-3 business days
Species Reactivity	Human
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	F4
Purity	Ascites
Gene ID	5243
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 1-2ug/ml (1) IHC (Frozen) : 1-2ug/ml--formalin or acetone fixed tissues Immunocytochemistry : Suitable
Limitations	This MDR1 antibody is available for research use only.



Description

Multidrug resistance 1, also called P-Glycoprotein, is a member of the ATP-binding cassette transporters family. MDR1 is involved in the transport of protease inhibitors in vitro and mediates the transport of the cardiac glycoside, digoxin.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the MDR1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

1. Boiling the sections in 10mM Citrate buffer, pH6, is a REQUIRED pretreatment.

Immunogen

A mixture of human and hamster drug-resistant whole cells and crude plasma membranes was used as the immunogen for this MDR1 antibody.

Storage

After reconstitution, the MDR1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.