

## 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

**Bulk quote request**

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.