

# Product Datasheet

## **MDR1/ABCB1 Antibody (MRK16) [mFluor Violet 450 SE] NBP2-52701MFV450**

Unit Size: 0.1 ml

Store at 4C in the dark.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-52701MFV450](http://www.novusbio.com/NBP2-52701MFV450)

Updated 9/20/2023 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-52701MFV450](http://www.novusbio.com/reviews/destination/NBP2-52701MFV450)



**NBP2-52701MFV450**

MDR1/ABCB1 Antibody (MRK16) [mFluor Violet 450 SE]

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	MRK16
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	mFluor Violet 450 SE
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50mM Sodium Borate

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	5243
<b>Gene Symbol</b>	ABCB1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Recognizes a discontinuous extracellular epitope on P-glycoprotein.
<b>Immunogen</b>	Drug resistant K-562 cells.

**Product Application Details**

<b>Applications</b>	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

**Images**

MDR1/ABCB1 Antibody (MRK16) [mFluor Violet 450 SE] [NBP2-52701MFV450] - Vial of mFluor Violet 450 conjugated antibody. mFluor Violet 450 is optimally excited at 406 nm by the Violet laser (405 nm) and has an emission maximum of 445 nm.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **Products Related to NBP2-52701MFV450**

---

H00005243-Q01-10ug	Recombinant Human MDR1/ABCB1 GST (N-Term) Protein
NBP1-90291PEP	MDR1/ABCB1 Recombinant Protein Antigen
NB200-103	p53 Antibody (PAb 240) - BSA Free
NB100-556	MDMX Antibody

---

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-52701MFV450](http://www.novusbio.com/reviews/submit/NBP2-52701MFV450)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

