

# Product Datasheet

## **MDR1/ABCB1 Antibody (MRK16) - Chimeric - Azide and BSA Free** **NBP2-52654-0.2mg**

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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**NBP2-52654-0.2mg**

MDR1/ABCB1 Antibody (MRK16) - Chimeric - Azide and BSA Free

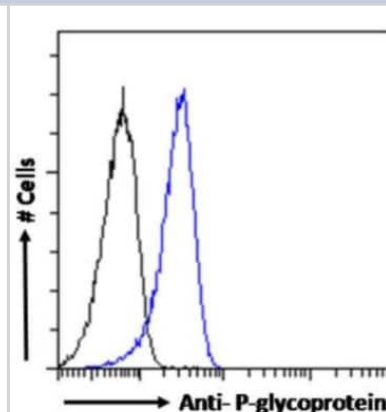
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	MRK16
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit MDR1/ABCB1 Antibody (MRK16) - Chimeric - Azide and BSA Free (NBP2-52654) is a recombinant monoclonal antibody validated for use in Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5243
Gene Symbol	ABCB1
Species	Human
Specificity/Sensitivity	Recognizes a discontinuous extracellular epitope on P-glycoprotein.
Immunogen	Drug resistant K-562 cells.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1:10 - 1:1000, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 1:10 - 1:500, CyTOF-ready
Application Notes	This antibody is Cytof ready. This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Images**

Flow Cytometry: MDR1/ABCB1 Antibody (MRK16) - Chimeric [NBP2-52654] - Flow-cytometry using the MDR1/ABCB1 Antibody (MRK16) [NBP2-52654]. HepG2 cells were fixed using 2% PFA, permeabilised using 0.5% Triton and stained with anti-Fluorescein IgG antibody (isotype control, black line) or the rabbit IgG-chimeric version of MRK16 (NBP2-52654, blue line) at a dilution of 1:100 for 1h at RT. After washing, bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.





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### **Products Related to NBP2-52654-0.2mg**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00005243-Q01-10ug	Recombinant Human MDR1/ABCB1 GST (N-Term) Protein
NBP3-38958	Mouse MDR1/ABCB1 ELISA Kit (Colorimetric)

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### **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.

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