

# MDR1 / ABCB1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_000918.2
Catalog No. A303-625A	Uniprot ID	P08183
Lot No. 2	GeneID	5243

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<b>APPLICATIONS</b>	WB, IP
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to MDR1 / ABCB1 immobilized on solid support.

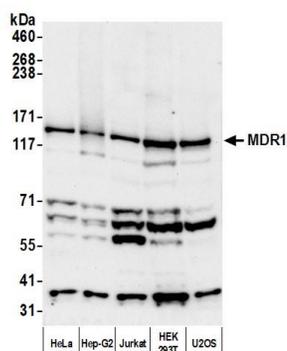
The epitope recognized by A303-625A maps to a region between residue 1 and 50 of human Multidrug Resistance Protein 1 using the numbering given in entry NP\_000918.2 (GeneID 5243).

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

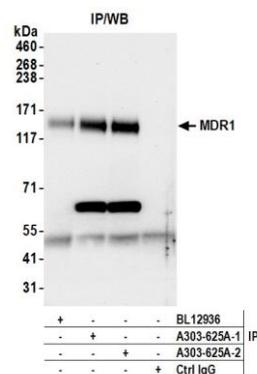
<b>APPLICATIONS</b>	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.
	Western Blot                      1:1,000 – 1:5,000
	Immunoprecipitation          2 – 10 µg/mg lysate

<b>ADDITIONAL INFO</b>	<a href="https://www.fortislife.com/p/A303-625A">https://www.fortislife.com/p/A303-625A</a>
	Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: April 19, 2023



**Detection of human MDR1 by western blot.** *Samples:* Whole cell lysate (25  $\mu$ g) from HeLa, Hep-G2, Jurkat, HEK293T, and U2OS cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-MDR1 antibody (A303-625A lot 2) used for WB at 1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



**Detection of human MDR1 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Hep-G2 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-MDR1 antibody (A303-625A lot 2) used for IP at 6  $\mu$ g per reaction. MDR1 was also immunoprecipitated by a previous lot of this antibody (A303-625A lot 1) and a second antibody against a different epitope of MDR1 (BL12936). For blotting immunoprecipitated MDR1, A303-625A was used at 1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.