

**Product Name: MRP1 (7D13) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe14099**

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## Summary

<b>Production Name</b>	MRP1 (7D13) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	ABCC1
<b>Alternative Names</b>	ABC29; Abcc1; GSX; Leukotriene C(4) transporter; LTC4 transporter; MRP1;
<b>Gene ID</b>	4363.0
<b>SwissProt ID</b>	P33527.

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000
<b>Molecular Weight</b>	172kDa

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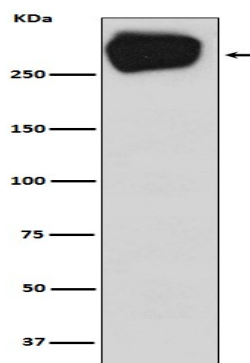
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## Background

Mediates export of organic anions and drugs from the cytoplasm. Mediates ATP-dependent transport of glutathione and glutathione conjugates, leukotriene C4, estradiol-17-beta-o-glucuronide, methotrexate, antiviral drugs and other xenobiotics. Confers resistance to anticancer drugs. Hydrolyzes ATP with low efficiency. Mediates export of organic anions and drugs from the cytoplasm (PubMed: [7961706](http://www.uniprot.org/citations/7961706), PubMed: [16230346](http://www.uniprot.org/citations/16230346), PubMed: [9281595](http://www.uniprot.org/citations/9281595), PubMed: [10064732](http://www.uniprot.org/citations/10064732), PubMed: [11114332](http://www.uniprot.org/citations/11114332)). Mediates ATP-dependent transport of glutathione and glutathione conjugates, leukotriene C4, estradiol-17- beta-o-glucuronide, methotrexate, antiviral drugs and other xenobiotics (PubMed: [7961706](http://www.uniprot.org/citations/7961706), PubMed: [16230346](http://www.uniprot.org/citations/16230346), PubMed: [9281595](http://www.uniprot.org/citations/9281595), PubMed: [10064732](http://www.uniprot.org/citations/10064732), PubMed: [11114332](http://www.uniprot.org/citations/11114332)). Confers resistance to anticancer drugs by decreasing accumulation of drug in cells, and by mediating ATP- and GSH-dependent drug export (PubMed: [9281595](http://www.uniprot.org/citations/9281595)). Hydrolyzes ATP with low efficiency (PubMed: [16230346](http://www.uniprot.org/citations/16230346)). Catalyzes the export of sphingosine 1-phosphate from mast cells independently of their degranulation (PubMed: [17050692](http://www.uniprot.org/citations/17050692)). Participates in inflammatory response by allowing export of leukotriene C4 from leukotriene C4-synthesizing cells (By similarity).

## Research Area

## Image Data



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Western blot analysis of MRP1 expression in A431 cell lysate.

**Note**

For research use only.