

Datasheet: VMA00330

Description:	MOUSE ANTI ABCC1
Specificity:	ABCC1
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Isotype:	IgG1
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/1000

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Recombinant protein corresponding to amino acids 194-316 of human ABCC1 expressed in <i>E. coli</i>
External Database Links	UniProt: P33527 Related reagents Entrez Gene: 4363 ABCC1 Related reagents
Synonyms	MRP, MRP1
Specificity	Mouse anti Human ABCC1 antibody recognizes the multidrug resistance-associated protein 1, also known as ATP-binding cassette transporter variant ABCC1delta-ex13, ATP-binding cassette

transporter variant ABCC1delta-ex13&14, ATP-binding cassette transporter variant ABCC1delta-ex25, ATP-binding cassette transporter variant ABCC1delta-ex25&26, LTC4 transporter and leukotriene C(4) transporter.

Encoded by the ABCC1 gene, multidrug resistance-associated protein 1 is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra-and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This full transporter is a member of the MRP subfamily which is involved in multi-drug resistance. It functions as a multispecific organic anion transporter, with oxidized glutathione, cysteinyl leukotrienes, and activated aflatoxin B1 as substrates. This protein also transports glucuronides and sulfate conjugates of steroid hormones and bile salts. Alternatively spliced variants of ABCC1 have been described but their full-length nature is unknown (provided by RefSeq, Apr 2012).

Mouse anti Human ABCC1 antibody detects a band of 172 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti ABCC1 detects a band of approximately 172 kDa in HepG2 cell lysates
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 12 months from date of despatch.
Acknowledgements	PrecisionAb™ is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...)[HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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