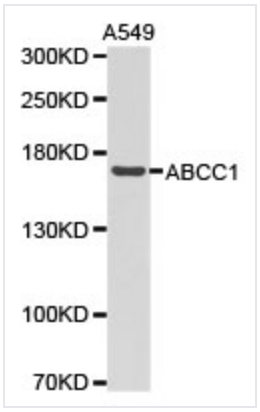
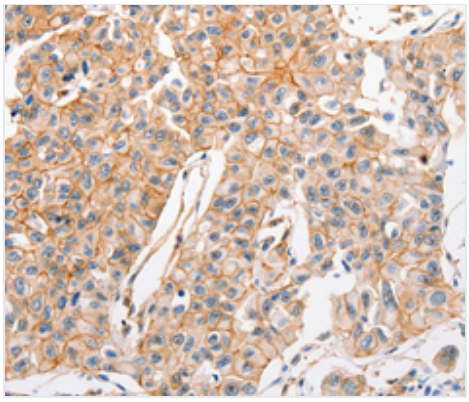
ABCC1 Antibody – Rabbit

PRODUCT OVERVIEW

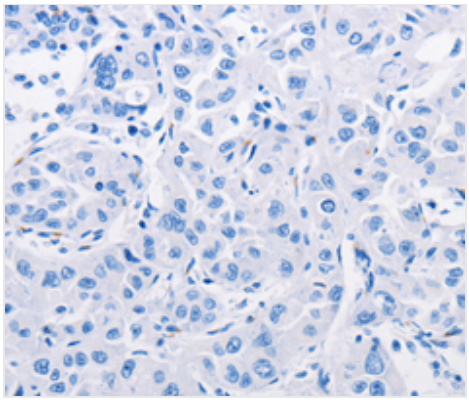
Product Name	ABCC1, Antibody
Full Product Name	ABCC1 Antibody
Product Gene Name	anti-ABCC1 antibody
Product Synonym Names	MRP; ABCC; GS-X; MRP1; ABC29
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Affinity purification
Preparation and Storage	Store at-20 degree C or-80 degree C. Avoid freeze/thaw cycles.
Molecular Weight	173kDa
OMIM	158343
3D Structure	ModBase 3D Structure for P33527
Immunogen	A synthetic peptide of human ABCC1
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Product Categories/Family for anti-ABCC1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ABCC1 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-ABCC1 antibody	WB: 1:500-1:1000 IHC: 1:50-1:100
Related Product Information for anti-ABCC1 antibody	The protein encoded by this gene 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. This protein functions as a multispecific organic anion transporter, with oxidized glutatione, 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 this gene have been described but their full-length nature is unknown.
Other Notes	Small volumes of anti-ABCC1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ABCC1 purchase	MBS8502471 is an antibody targeting ABCC1. Also known as ABCC1 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Testing Data of anti-ABCC1 antibody



Western Blot (WB) of anti-ABCC1 antibody
Western blot analysis of extracts of A549 celllysate, using ABCC1antibody.



Immunoprecipitation (IP) of anti-ABCC1 antibody
ImmunohistochemistryofparaffinembeddedHuman lung cancer tissue usingABCC1antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ABCC1. It may not necessarily be applicable to this product.

NCBI GI #	134142337
NCBI GeneID	4363
NCBI Accession #	NP_004987.2
UniProt Primary Accession #	P33527
UniProt Secondary Accession #	O14819; O43333; P78419; Q59GI9; Q9UQ97; Q9UQ99; Q9UQA0; A3RJX2; C9JPJ4
UniProt Related Accession #	P33527
GenBank Nucleotide #	NM_004996.3
NCBI Official Full Name	multidrug resistance-associated protein 1
NCBI Official Synonym Full Names	ATP binding cassette subfamily C member 1
NCBI Official Symbol	ABCC1
NCBI Official Synonym Symbols	MRP; ABCC; GS-X; MRP1; ABC29
UniProt Protein Name	Multidrug resistance-associated protein 1
UniProt Synonym Protein Names	ATP-binding cassette sub-family C member 1; Leukotriene C(4) transporter; LTC4 transporter
Protein Family	ABC transporter C family
UniProt Gene Name	ABCC1

UniProt Synonym Gene Names	MRP; MRP1; LTC4 transporter
NCBI Protein Information	multidrug resistance-associated protein 1
UniProt Comments for ABCC1	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.
Research Articles on ABCC1	**1.** No significant correlation was observed between rs504348 genotypes and cystic fibrosis severity. A significantly higher expression of ABCC1 mRNA was induced by CF plasma compared to healthy control plasma.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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