

RecomAb™

ABCC1 recombinant monoclonal antibody, clone R04-2D9

Catalog # RAB06467 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human ABCC1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against protein corresponding to full length human ABCC1.
Theoretical MW (kDa)	Calculated MW: 172 k
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end use.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Flow Cytometry

Gene Info — ABCC1

Entrez GeneID	4363
Protein Accession#	P33527
Gene Name	ABCC1
Gene Alias	ABC29, ABCC, DKFZp686N04233, DKFZp781G125, GS-X, MRP, MRP1
Gene Description	ATP-binding cassette, sub-family C (CFTR/MRP), member 1
Omim ID	158343
Gene Ontology	Hyperlink
Gene Summary	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 multidrug resistance. This protein 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. Alternative splicing by exon deletion results in several splice variants but maintains the original open reading frame in all forms. [provided by RefSeq]
Other Designations	ATP-binding cassette, sub-family C, member 1 LTC4 transporter OTTHUMP00000045904 leukotriene C(4) transporter multidrug resistance protein multiple drug resistance protein 1 multiple drug resistance-associated protein

Pathway

- [ABC transporters](#)

Disease

- [Adenocarcinoma](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Breast cancer](#)
- [Calcinosis](#)

- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Cystadenocarcinoma](#)
- [Cystic fibrosis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Heart Diseases](#)
- [HIV Seropositivity](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Multiple Myeloma](#)
- [Neutropenia](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)

- [Psoriasis](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)