

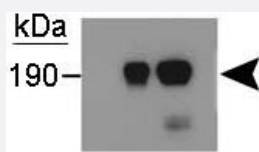
ABCC1 monoclonal antibody, clone IU2H10

Catalog # MAB2388

Size 100 uL

Applications

Western Blot (Transfected lysate)



Western blot analysis of MRP1 using ABCC1 monoclonal antibody, clone IU2H10 (Cat # MAB2388) on vector-transfected HEK293 cells (lane1), MRP1-transfected cells, prep1 (lane 2) and MRP1-transfected cells, prep2 (Lane 3). The lower band is a degradation product.

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of ABCC1.
Immunogen	A synthetic peptide corresponding to amino acids 1-33 of human ABCC1.
Host	Mouse
Reactivity	Human, Mouse
Specificity	This antibody is specific to MRP1 protein.
Form	Liquid
Isotype	IgG1
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris-glycine, 150 mM NaCl
Storage Instruction	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

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- Immunofluorescence

Gene Info — ABCC1

Entrez GeneID	4363
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 membrane s. 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-d rug resistance. This protein functions as a multispecific organic anion transporter, with oxidized gl utathione, cysteinyl leukotrienes, and activated aflatoxin B1 as substrates. This protein also transpo rts 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 leukot riene 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](#)
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