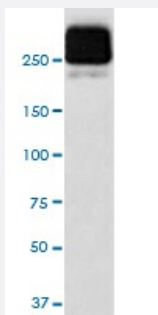


ABCC2 monoclonal antibody, clone ABDD-1

Catalog # MAB20207 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with ABCC2 monoclonal antibody.

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human ABCC2.

Immunogen A synthetic peptide corresponding to human ABCC2.

Host Rabbit

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage
 Flow Cytometry (1:100)
 Immunocytochemistry (1:50-1:200)
 Immunofluorescence (1:50-1:200)
 Western Blot (1:500-1:2000)
 The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instruction

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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 (Cell lysate)

Western blot analysis of HepG2 cell lysate with ABCC2 monoclonal antibody.

- Immunocytochemistry

- Immunofluorescence

- Flow Cytometry

Gene Info — ABCC2

Entrez GeneID[1244](#)**Protein Accession#**[Q92887](#)**Gene Name**

ABCC2

Gene Alias

ABC30, CMOAT, DJS, KIAA1010, MRP2, cMRP

Gene Description

ATP-binding cassette, sub-family C (CFTR/MRP), member 2

Omim ID[237500 601107](#)**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 protein is a member of the MRP subfamily which is involved in multi-drug resistance. This protein is expressed in the canalicular (apical) part of the hepatocyte and functions in biliary transport. Substrates include anticancer drugs such as vinblastine; therefore, this protein appears to contribute to drug resistance in mammalian cells. Several different mutations in this gene have been observed in patients with Dubin-Johnson syndrome (DJS), an autosomal recessive disorder characterized by conjugated hyperbilirubinemia. [provided by RefSeq]

Other Designations

OTTHUMP00000020267|canalicular multispecific organic anion transporter

Pathway

- [ABC transporters](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer Disease](#)
- [Arthritis](#)
- [Bile Duct Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cholangiocarcinoma](#)
- [Cholestasis](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Cystadenocarcinoma](#)
- [Diarrhea](#)
- [Disease Progression](#)
- [Drug Toxicity](#)
- [Epilepsies](#)
- [Epilepsy](#)
- [Esophageal Neoplasms](#)
- [Fanconi Syndrome](#)
- [Fatty Liver](#)

- [Gastroenteritis](#)
- [Genetic Predisposition to Disease](#)
- [Heart Diseases](#)
- [Hepatitis](#)
- [HIV Infections](#)
- [HIV Seropositivity](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Leukopenia](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Nasopharyngeal Neoplasms](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Neutropenia](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Peripheral Nervous System Diseases](#)
- [Pregnancy Complications](#)
- [Proteinuria](#)
- [Pruritus](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)