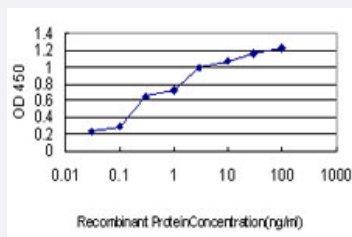


ABCC2 monoclonal antibody (M01), clone 1C5

Catalog # H00001244-M01

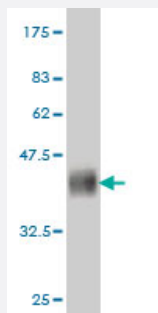
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ABCC2 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ABCC2.

Immunogen

ABCC2 (NP_000383, 214 a.a. ~ 313 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

LKGYKRPLTLEDVWEVDEEMKTKTLVSKFETHMKRELQKARRALQRRQEKSSQQNSGARLPGL
NKNQSQSQDALVLEDVEKKKKKSGTKKDVPKSWLMKA

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (64); Rat (62)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ABCC2 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ABCC2

Entrez GeneID	1244
GeneBank Accession#	NM_000392
Protein Accession#	NP_000383
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](#)