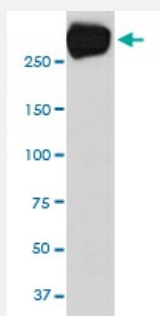


# ABCC1 monoclonal antibody, clone ABFD-1

Catalog # MAB20206      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of A431 cell lysate with ABCC1 monoclonal antibody.

## Specification

|                            |                                                                                                                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit monoclonal antibody raised against synthetic peptide of human ABCC1.                                                                                                           |
| <b>Immunogen</b>           | A synthetic peptide corresponding to human ABCC1.                                                                                                                                     |
| <b>Host</b>                | Rabbit                                                                                                                                                                                |
| <b>Reactivity</b>          | Human                                                                                                                                                                                 |
| <b>Form</b>                | Liquid                                                                                                                                                                                |
| <b>Purification</b>        | Affinity purification                                                                                                                                                                 |
| <b>Isotype</b>             | IgG                                                                                                                                                                                   |
| <b>Recommend Usage</b>     | Flow Cytometry (1:20)<br>Western Blot (1:500-1:2000)<br>The optimal working dilution should be determined by the end user.                                                            |
| <b>Storage Buffer</b>      | In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                      |
| <b>Storage Instruction</b> | 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 A431 cell lysate with ABCC1 monoclonal antibody.

- 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 multi-drug 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](#)