

# ABCC3 monoclonal antibody, clone M3II-9

Catalog # MAB3384

Size 500 uL

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against partial recombinant ABCC3.
<b>Immunogen</b>	Recombinant fusion protein corresponding to amino acids 830-949 of human ABCC3.
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Specificity</b>	M3II-9 reacts with an internal epitope of human MRP-3, a 190-200 kD transmembrane protein that is closely related to the multidrug resistance protein MRP1. Does not cross-react with human MDR1, MRP1, MRP2 or MRP-5 gene products.
<b>Form</b>	Liquid
<b>Isotype</b>	IgG1
<b>Recommend Usage</b>	Immunocytochemistry (1:20-1:50) Immunohistochemistry (Frozen sections) (1:20) Western Blot (1:20-1:50) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In serum-free culture supernatant (0.7% BSA, 0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot
- Immunohistochemistry (Frozen sections)

- Immunocytochemistry
- Flow Cytometry

## Gene Info — ABCC3

Entrez GeneID [8714](#)

Gene Name ABCC3

Gene Alias ABC31, EST90757, MLP2, MOAT-D, MRP3, cMOAT2

Gene Description ATP-binding cassette, sub-family C (CFTR/MRP), member 3

Omim ID [604323](#)

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. The specific function of this protein has not yet been determined; however, this protein may play a role in the transport of biliary and intestinal excretion of organic anions. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq]

**Other Designations**

ATP-binding cassette, sub-family C, member 3|canicular multispecific organic anion transporter| multidrug resistance associated protein

## Pathway

- [ABC transporters](#)

## Disease

- [Adenocarcinoma](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Tobacco Use Disorder](#)