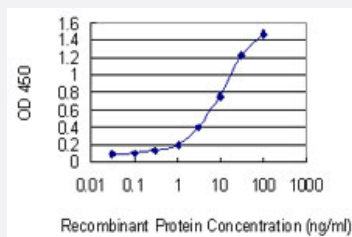


ABCC11 monoclonal antibody (M02), clone 4H6

Catalog # H00085320-M02

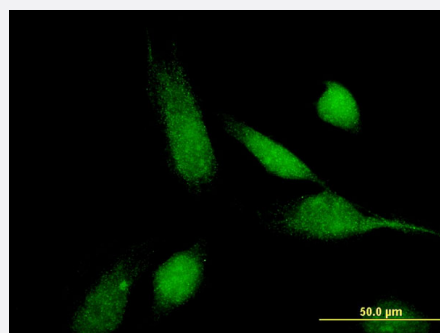
Size 100 ug

Applications



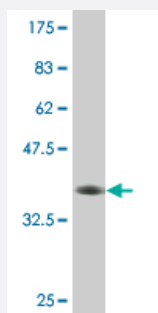
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ABCC11 is 0.1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to ABCC11 on HeLa cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ABCC11.

Immunogen	ABCC11 (NP_115972.2, 433 a.a. ~ 532 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	FVPIAVKGLTNSKSAVMRFKKFFLQESPVFYVQTLQDPSKALVFEEATLSWQQTCPGIVNGALELERNGHASEGMTRPRDALGPEEEGNSLGPELHKINL
Host	Mouse
Reactivity	Human
Isotype	IgG2a 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 ABCC11 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to ABCC11 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — ABCC11

Entrez GeneID	85320
GeneBank Accession#	NM_032583
Protein Accession#	NP_115972.2
Gene Name	ABCC11

Gene Alias	EWWD, MRP8, WW
Gene Description	ATP-binding cassette, sub-family C (CFTR/MRP), member 11
Omim ID	117800 607040
Gene Ontology	Hyperlink
Gene Summary	<p>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 ABC full transporter is a member of the MRP subfamily which is involved in multi-drug resistance. The product of this gene participates in physiological processes involving bile acids, conjugated steroids, and cyclic nucleotides. In addition, a SNP in this gene is responsible for determination of human earwax type. This gene and family member ABCC12 are determined to be derived by duplication and are both localized to chromosome 16q12.1. Multiple alternatively spliced transcript variants have been described for this gene. [provided by RefSeq]</p>
Other Designations	ATP-binding cassette protein C11 ATP-binding cassette transporter MRP8 ATP-binding cassette, sub-family C, member 11 OTTHUMP00000164191 multi-resistance protein 8

Publication Reference

- [Salinomycin overcomes ABC transporter-mediated multidrug and apoptosis resistance in human leukemia stem cell-like KG-1a cells.](#)

Fuchs D, Daniel V, Sadeghi M, Opelz G, Naujokat C.

Biochemical and Biophysical Research Communications 2010 Apr; 394(4):1098.

Application: Flow Cyt, WB-Ce, Human, KG-1a cells

Pathway

- [ABC transporters](#)

Disease

- [Ductus Arteriosus](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Sweat Gland Diseases](#)