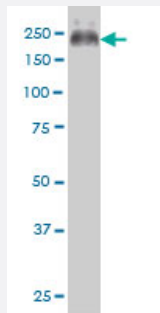


ABCC4 monoclonal antibody (M03), clone 1B2

Catalog # H00010257-M03

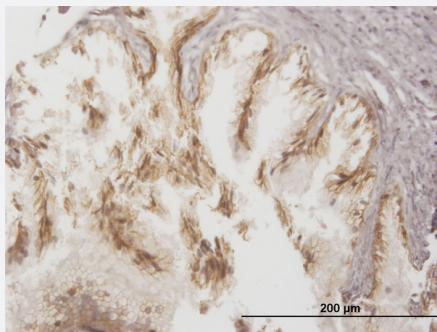
Size 100 ug

Applications



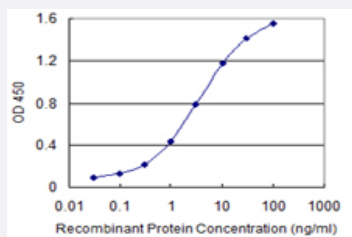
Western Blot (Cell lysate)

ABCC4 monoclonal antibody (M03), clone 1B2 Western Blot analysis of ABCC4 expression in HeLa S3 NE (Cat # L013V3).



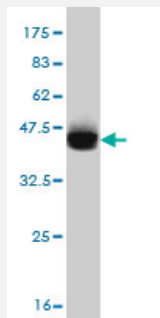
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ABCC4 on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ABCC4 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ABCC4.
Immunogen	ABCC4 (AAH41560, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MLPVYQEVKPNPLQDANLCSRFFWWLNPLFKIGHKRRLEEDDMYSVLPEDRSQHLGEELQGF WDKEVLRAENDAQKPSLTRAIIKCYWKS YLVLGIFTLIEESAKVIQP
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 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 (Cell lysate)

ABCC4 monoclonal antibody (M03), clone 1B2 Western Blot analysis of ABCC4 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ABCC4 on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ABCC4 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ABCC4

Entrez GeneID [10257](#)

GeneBank Accession# [BC041560](#)

Protein Accession# [AAH41560](#)

Gene Name ABCC4

Gene Alias EST170205, MOAT-B, MOATB, MRP4

Gene Description ATP-binding cassette, sub-family C (CFTR/MRP), member 4

Omim ID [605250](#)

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 cellular detoxification as a pump for its substrate, organic anions. Alternative splicing results in multiple splice variants encoding different isoforms. [provided by RefSeq]

Other Designations ATP-binding cassette, sub-family C, member 4|OTTHUMP00000018560|bA464I2.1 (ATP-binding cassette, sub-family C (CFTR/MRP), member 4)|canalicular multispecific organic anion transporter (ABC superfamily)|multidrug resistance-associated protein 4|multispecific

Pathway

- [ABC transporters](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Fanconi Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)