

Mouse Monoclonal Antibody to ABCC4

Order Information

Catalog#	30521	
Size/Concentration	100µl	50µl
Price(¥)	2180	1280

Description

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.

Specification

Aliases : MRP4; MOATB; MOAT-B; EST170205

Entrez GeneID : 10257

Swissprot : O15439

clone : 2D2A9

WB Predicted band size : 150kDa

Host/Isotype : Mouse IgG1

Storage : Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Species Reactivity : Human

Immunogen : Purified recombinant fragment of human ABCC4 (AA: 631-692) expressed in E. Coli.

Formulation : Purified antibody in PBS with 0.05% sodium azide

Application

IHC	1/200 - 1/1000
FCM	1/200 - 1/400
ELISA	1/10000

References

1. Biochem Pharmacol. 2012 Aug 1;84(3):366-73.
2. Arch Dermatol Res. 2012 Jan;304(1):57-63.

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Protocol

WB - www.promab.com/protocol/wb.html

IHC - www.promab.com/protocol/ihc.html

ICC - www.promab.com/protocol/icc.html

HCM - www.promab.com/protocol/hcm.html

Antigen Sequence is available upon request.

Products and Services

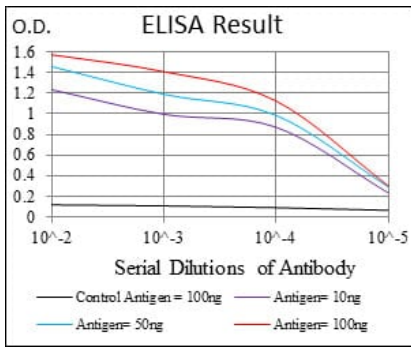
- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

For Research Only

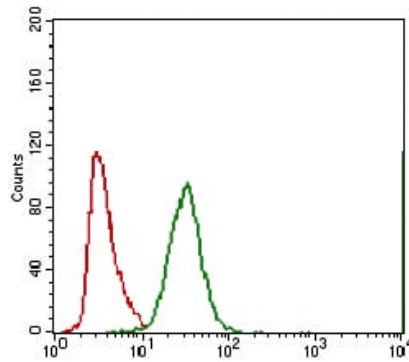
Application Key:WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

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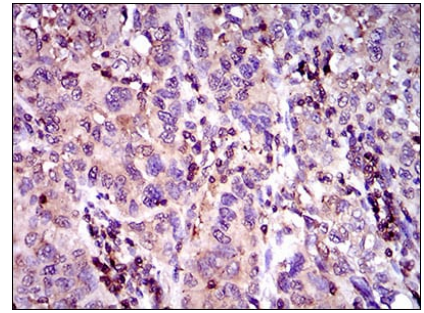
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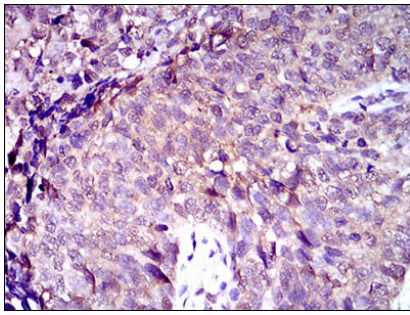
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Flow cytometric analysis of A549 cells using ABCC4 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using ABCC4 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using ABCC4 mouse mAb with DAB staining.

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