

Datasheet for ABIN1724860
anti-ABCC4 antibody (AA 631-692)

6 Images

1 Publication

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Overview

Quantity:	0.1 mg
Target:	ABCC4
Binding Specificity:	AA 631-692
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ABCC4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human ABCC4 (AA: 631-692) expressed in E. coli.
Clone:	2D2A9
Isotype:	IgG1
Purification:	purified

Target Details

Target:	ABCC4
Alternative Name:	ABCC4 (ABCC4 Products)
Background:	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-

Target Details

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. , ,

Aliases: MRP4, MOATB, MOAT-B, EST170205

Molecular Weight: 150 kDa

Gene ID: 10257

HGNC: 10257

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

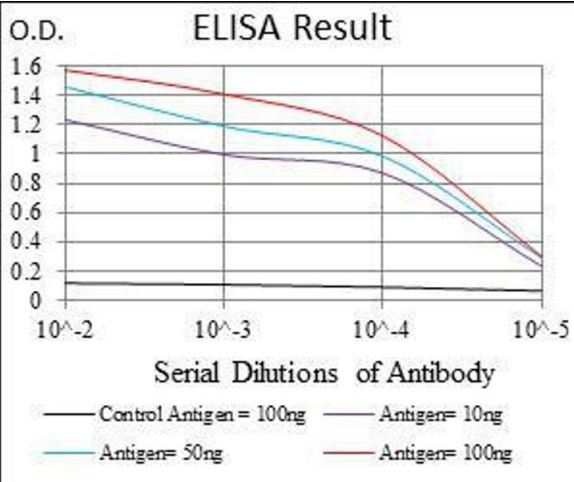
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

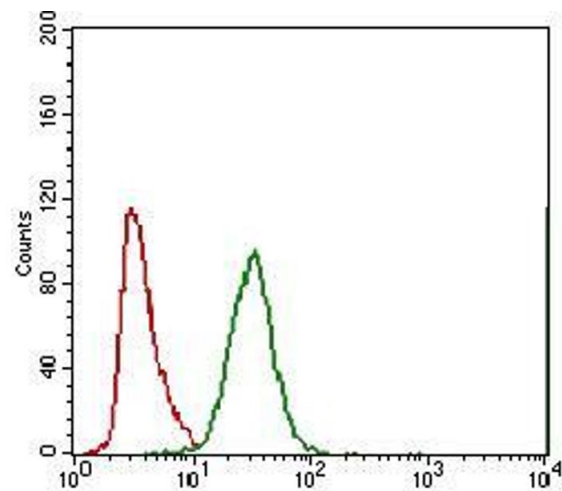
Publications

Product cited in: Nayernia, Adham, Burkhardt-Göttges, Neesen, Rieche, Wolf, Sancken, Kleene, Engel: "Asthenozoospermia in mice with targeted deletion of the sperm mitochondrion-associated cysteine-rich protein (Smcp) gene." in: **Molecular and cellular biology**, Vol. 22, Issue 9, pp. 3046-52, (2002) ([PubMed](#)).



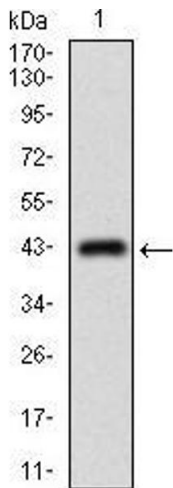
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Flow Cytometry

Image 2. Flow cytometric analysis of A549 cells using ABCC4 mouse mAb (green) and negative control (red).



Western Blotting

Image 3. Western blot analysis using ABCC4 mAb against human ABCC4 recombinant protein. (Expected MW is 32.4 kDa)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN1724860.