

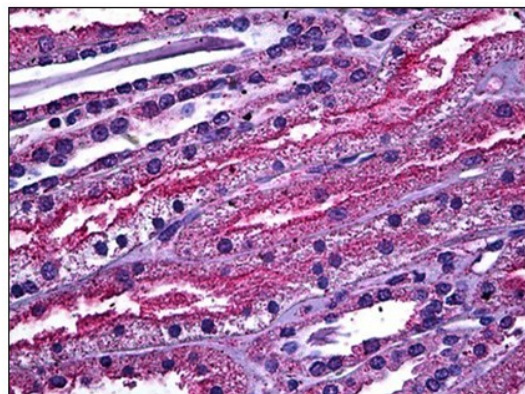
AM31370PU-N

Monoclonal Antibody to ABCC4 / MRP4 - Purified

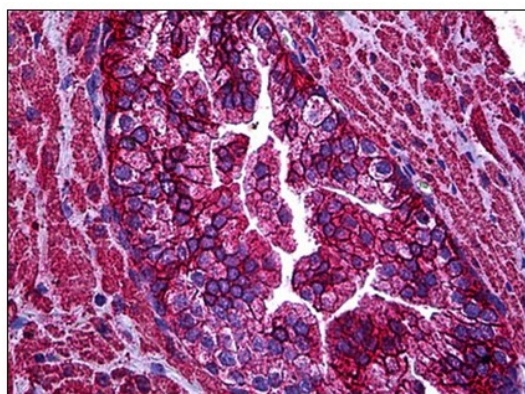
Alternate names:	ATP-binding cassette sub-family C member 4, MOAT-B, MRP/cMOAT-related ABC transporter, Multi-specific organic anion transporter B, Multidrug resistance-associated protein 4
Quantity:	50 µg
Concentration:	0.5 mg/ml
Background:	ABCC4 is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC proteins 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.
Uniprot ID:	O15439
NCBI:	NP_001098985
GenelD:	10257
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	1B2
Immunogen:	ABCC4 (AAH41560, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. Remarks: MW of the GST tag alone is 26 KDa.
Format:	State: Liquid purified Ig fraction Purification: Affinity Chromatography on Protein A Buffer System: PBS, pH 7.2
Applications:	ELISA. Immunohistochemistry on Paraffin Sections: 10 µg/ml. Western Blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes ABCC4. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

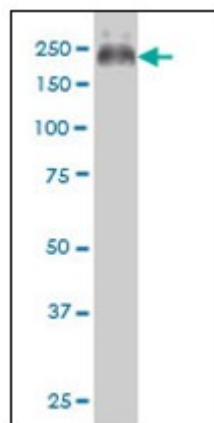
Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)



ABCC4 monoclonal antibody, clone 1B2
Western Blot analysis of ABCC4
expression in HeLa nuclear extract.



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

