

Rabbit Multidrug resistance-associated protein 4 Polyclonal Antibody | anti-ABCC4 antibody

Anti-MRP4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46085	Rabbit	Human, Mouse, Rat. No cross reactivity with other proteins.	Immunohistochemistry, Western Blot

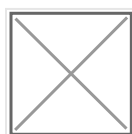
PRODUCT SYNONYMS

Multidrug resistance-associated protein 4; Polyclonal Antibody; Anti-MRP4 Antibody; ABCC 4 antibody; ABCC4 antibody; ATP binding cassette sub family C (CFTR/MRP) member 4 antibody; ATP binding cassette sub family C member 4 antibody; ATP-binding cassette sub-family C member 4 antibody; bA464I2.1 (ATP binding cassette; sub-family C (CFTR/MRP) member 4) antibody; bA464I2.1 antibody; Canalicular multispecific organic anion transporter ABC superfamily antibody; canalicular multispecific organic anion transporter antibodyEST170205 antibody; MOAT B antibody; MOAT-B antibody; MOATB antibody; MRP 4 antibody; MRP/cMOAT related ABC transporter antibody; MRP/cMOAT-related ABC transporter antibody; MRP4_HUMAN antibody; Multi specific organic anion transporter B antibody; Multi-specific organic anion transporter B antibody; Multidrug resistance associated protein 4 antibody; Multidrug resistance-associated protein 4 antibody; OTTHUMP00000018560 antibody; ATP-binding cassette; sub-family C (CFTR/MRP); member 4; anti-ABCC4 antibody

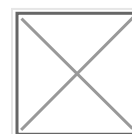
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	859
Applicable Applications for anti-ABCC4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human MRP4 recombinant protein (Position: M1-P370).
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-MRP4 Picoband antibody, AAA46085-4.JPGIHC(P): Mouse Intestine Tissue



IHC (Immunohistochemistry)
Anti-MRP4 Picoband antibody, AAA46085-3.JPGIHC(P): Human Intestinal Cancer Tissue



IHC (Immunohistochemistry)

Anti-MRP4 Picoband antibody, AAA46085-2.JPGIHC(P): Rat Intestine Tissue



Application Data

Anti-MRP4 Picoband antibody, AAA46085-1.jpgAll lanes: Anti MRP4 (AAA46085) at 0.5ug/mlWB: Recombinant Human MRP4 Protein 0.5ngPredicted bind size: 47KDObserved bind size: 47KD

ADDITIONAL INFORMATION

Related Product Information for anti-ABCC4 antibody

Description: Rabbit IgG polyclonal antibody for Multidrug resistance-associated protein 4(ABCC4) detection. Tested with WB, IHC-P in Human;Mouse;Rat.

Background: ABCC4(ATP-binding cassette, subfamily c, member 4) also known as MRP4 or MOATB, is a protein that in humans is encoded by the ABCC4 gene. It belongs to a large family of transmembrane proteins involved in active transport of substrates out of cells. This gene is mapped to chromosome 13q32. ABCC4 acts as an independent regulator of intracellular cyclic nucleotide levels and as a mediator of cAMP-dependent signal transduction to the nucleus. The antiproliferative effect of ABCC4 inhibition was related to cAMP-dependent PKA activation and CREB phosphorylation. Pharmacologic inhibition of ABCC4 activity or knockdown of ABCC4 via RNA interference resulted in reduced migration of DCs from human skin explants and of in vitro-generated Langerhans cells. It has been found that ABCC4 contributes to migration of DCs toward draining lymph nodes and therefore has a role in the initiation of an immune response.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157502203
NCBI GeneID	10257
NCBI Accession #	NP_001098985.1
NCBI GenBank Nucleotide #	NM_001105515.2
UniProt Accession #	O15439 ; Q8IVZ4 ; Q8IZN6 ; Q8NEW8 ; Q9Y6J2 ; A9Z1Z7
Molecular Weight	96,841 Da
NCBI Official Full Name	multidrug resistance-associated protein 4 isoform 2
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family C (CFTR/MRP), member 4
NCBI Official Symbol	ABCC4
NCBI Official Synonym Symbols	MRP4; MOATB; MOAT-B
NCBI Protein Information	multidrug resistance-associated protein 4; MRP/cMOAT-related ABC transporter; multi-specific organic anion transporter B; bA464I2.1 (ATP-binding cassette, sub-family C (CFTR/MRP), member 4); canalicular multispecific organic anion transporter (ABC superfamily)
UniProt Protein Name	Multidrug resistance-associated protein 4
UniProt Gene Name	ABCC4
UniProt Synonym Gene Names	MRP4; MOAT-B
UniProt Entry Name	MRP4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/multidrug-resistance-associated-protein-4-antibody-immunohistochemistry-western-blot-elisa/46085>