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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-MRP4/ABCC4 Antibody Picoband® FITC Conjugated

Catalog Number: A01596-FITC

About ABCC4

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.

Overview

Product Name	Anti-MRP4/ABCC4 Antibody Picoband® FITC Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, IF, IHC, ICC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	O15439

Technical Details

Immunogen	E.coli-derived human MRP4 recombinant protein (Position: M1-K77).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 nm

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Suggested Dilutions	Optimal dilutions should be determined by end users.

1 Publications Citing This Product

1. PubMed ID: 30105488, Chen L,Liao L,Zhai T,Huang X,Chen Y.Influence of Orally Administered Borneol on the Expression of Hepatic Transporters in Rats.Eur J Drug Metab Pharmacokinet.2019 Feb;44(1):103-109.doi:10.1007/s13318-018-0499-1.PMID:30105488.

Visit bosterbio.com/anti-mrp4-picoband-trade-antibody-a01596-boster.html to see all 1 publications.

Anti-MRP4/ABCC4 Antibody - FITC

For Research Use Only. Not for use in diagnostic procedures.