

Anti-MRP1 / ABCC1 (Multidrug Resistance Related Protein 1) Monoclonal Antibody

Catalog Number: M00872

About ABCC1

The two members of the large family of ABC transporters known to confer multidrug resistance in human cancer cells are the MDR1 P-glycoprotein and the multidrug-resistance protein MRP1. MRP1 is an integral membrane protein that contains an MDR-like core, an N-terminal membrane-bound region and a cytoplasmic linker, and it is expressed in various cerebral cells, as well as in lung, testis and peripheral blood.

Overview

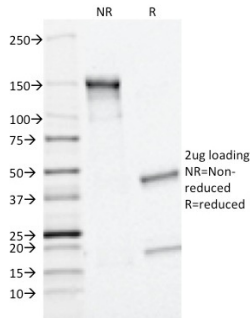
Product Name	Anti-MRP1 / ABCC1 (Multidrug Resistance Related Protein 1) Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-MRP1 / ABCC1 (Multidrug Resistance Related Protein 1) Monoclonal Antibody (Catalog # M00872). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human.
Conjugate	Biotin
Application	ELISA, Flow Cytometry, WB
Clonality	Monoclonal Clone: MRP1/1343
Formulation	Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage Instructions	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Host	Mouse
Uniprot ID	P33527

Technical Details

Immunogen	Recombinant full-length human ABCC1 protein
Predicted Reactive Species	Bovine, Canine, Mouse, Orangutan, Pig, Rabbit, Rat, Deer
Cross Reactivity	Does not cross-react with primate, avian or amphibian GR.
Isotype	IgG1, kappa
Form	Liquid
Concentration	Purified antibody with BSA and azide at 200ug/ml

Purification	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A/G.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>ELISA (For coating, order antibody without BSA)</p> <p>Flow Cytometry (1-2ug/million cells)</p> <p>Western Blot (1-2ug/ml)</p> <p>Optimal dilution for a specific application should be determined.</p>

Anti-MRP1 / ABCC1 (Multidrug Resistance Related Protein 1) Monoclonal Antibody (M00872) Images



SDS-PAGE analysis purified Anti-MRP1/ABCC1 Monoclonal Antibody (MRP1/1343). Confirmation of integrity and purity of antibody.

2 Publications Citing This Product

1. PubMed ID: 26543365, Enhanced combination therapy effect on paclitaxel-resistant carcinoma by chloroquine co-delivery via liposomes
2. PubMed ID: 26767845, Enhanced autophagy reveals vulnerability of P-gp mediated epirubicin resistance in triple negative breast cancer cells

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