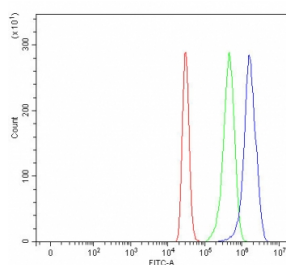


MRP3 Antibody / Multidrug resistance-associated protein 3 / ABCC3 (RQ8175)

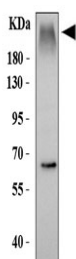
Catalog No.	Formulation	Size
RQ8175	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O15438
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This MRP3 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human HepG2 cells with MRP3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= MRP3 antibody.



Western blot testing of human HepG2 cell lysate with MRP3 antibody. Predicted molecular weight ~169 kDa but may be observed at higher molecular weights due to glycosylation.

Description

Canalicular multispecific organic anion transporter 2, also called Multidrug resistance-associated protein 3 (MRP3), is a protein that in humans is encoded by the ABCC3 gene. 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-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 the transport of biliary and intestinal excretion of organic anions. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.

Application Notes

Optimal dilution of the MRP3 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids H22-G1351) was used as the immunogen for the MRP3 antibody.

Storage

After reconstitution, the MRP3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.