

MRP1/ABCC1 Rabbit pAb

Catalog No.: A11153 **3 Publications**

Basic Information

Observed MW

210kDa

Calculated MW

172kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

Background

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 full transporter is a member of the MRP subfamily which is involved in multi-drug resistance. This protein functions as a multispecific organic anion transporter, with oxidized glutathione, cysteinyl leukotrienes, and activated aflatoxin B1 as substrates. This protein also transports glucuronides and sulfate conjugates of steroid hormones and bile salts. Alternatively spliced variants of this gene have been described but their full-length nature is unknown.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4363

Swiss Prot

P33527

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 850-960 of human MRP1/ABCC1 (NP_004987.2).

Synonyms

MRP; ABCC; GS-X; MRP1; ABC29; DFNA77; MRP1/ABCC1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

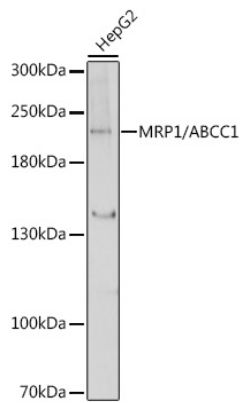
Affinity purification

Storage

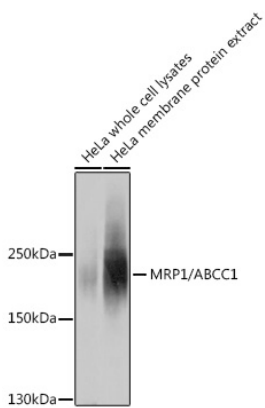
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of HepG2 cells, using MRP1/ABCC1 antibody (A11153) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.



Western blot analysis of extracts of HeLa cells, using MRP1/ABCC1 antibody (A11153) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.