

Anti-ABCC1 antibody

Cat. No.	ml260613
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-ABCC1 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human ABCC1
Reactivity	Human
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ABCC1
Full name	ATP-binding cassette, sub-family C (CFTR/MRP), member 1

Synonyms MRP, ABCC, GS-X, MRP1, ABC29

Swissprot P33527

Target 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.

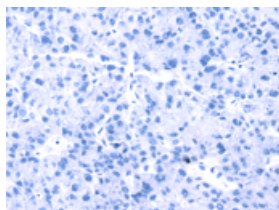
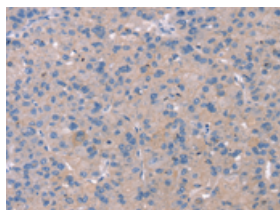
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm, Cell membrane

Positive control: Human lung cancer

Recommended dilution: 15-50

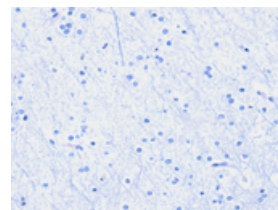
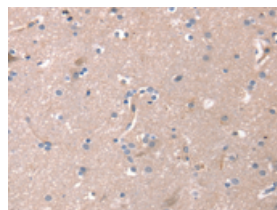


The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml260613(ABCC1 Antibody) at dilution 1/15, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm, Cell membrane

Positive control: Human liver cancer

Recommended dilution: 15-50



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml260613(ABCC1 Antibody) at dilution 1/15, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 173 kDa

Positive control: Human fetal lung tissue

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

Lysate: 40 μ g

Lane: Human fetal lung tissue

Primary antibody: ml260613(ABCC1 Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution: 1000-5000

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