abcam

Product datasheet

Anti-MRP2 antibody ab203397

9 References 2 Images

Overview

Product name	Anti-MRP2 antibody
Description	Rabbit polyclonal to MRP2
Host species	Rabbit
Tested applications	**Suitable for:** IHC-P, WB
Species reactivity	**Reacts with:** Mouse, Rat, Human
Immunogen	Synthetic peptide within Human MRP2 aa 483-533 conjugated to Keyhole Limpet Haemocyanin (KLH). The exact sequence is proprietary. Sequence: KSKTIQVKNMKNKDKRLKIMNEILSGIKILKYFAWEPSFR DQVQNLRKKE L Database link: Q92887 Run BLAST with Run BLAST with
Positive control	Human liver carcinoma tissue.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: 50% Glycerol, 0.01% BSA Aqueous buffered solution
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our Abpromise guarantee covers the use of **ab203397** in the following tested applications.

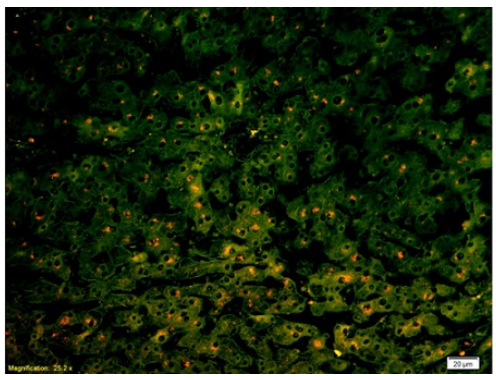
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100 - 1/500. When using a fluorescent probe the recommended dilution is 1/50 – 1/200.
WB		1/100 - 1/1000. Predicted molecular weight: 174 kDa.

Target

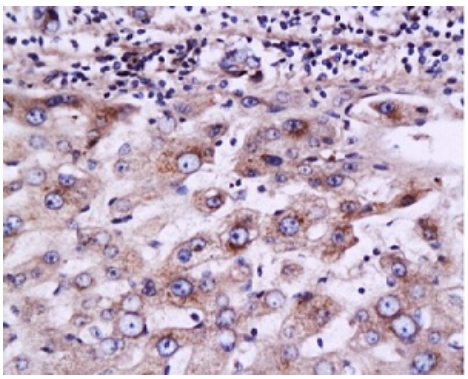
Function	Mediates hepatobiliary excretion of numerous organic anions. May function as a cellular cisplatin transporter.
Tissue specificity	Found on the apical membrane of polarized cells in liver, kidney and intestine. The highest expression is found in liver.
Involvement in disease	Defects in ABCC2 are the cause of Dubin-Johnson syndrome (DJS) [MIM:237500]. DJS is an autosomal recessive disorder characterized by conjugated hyperbilirubinemia, an increase in the urinary excretion of coproporphyrin isomer I, deposition of melanin-like pigment in hepatocytes, and prolonged retention of sulfobromophthalein, but otherwise normal liver function.
Sequence similarities	Belongs to the ABC transporter superfamily. ABCC family. Conjugate transporter (TC 3.A.1.208) subfamily. Contains 2 ABC transmembrane type-1 domains. Contains 2 ABC transporter domains.
Cellular localization	Membrane.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MRP2 antibody (ab203397)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis on human liver carcinoma labeled with ab203397 at 1:200, overnight at 4°C. The secondary antibody was Goat Anti-Rabbit IgG,PE conjugate used at 1:200 dilution for 40 minutes at 37°C.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MRP2 antibody (ab203397)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis on human liver carcinoma labeled with ab203397 at 1:200 followed by conjugation to secondary antibody and DAB staining.

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