Anti-MRP2 antibody [EPR10998] ab172630

Overview

Product name: Anti-MRP2 antibody [EPR10998]
Description: Rabbit monoclonal [EPR10998] to MRP2
Host species: Rabbit
Tested applications:
- Suitable for: WB, ICC/IF, Flow Cyt
- Unsuitable for: IHC-P or IP
Species reactivity: Reacts with: Human
Immunogen:
Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human MRP2 aa 1500 to the C-terminus (Cysteine residue). The exact sequence is proprietary.
Database link: Q92887
Positive control:
Human fetal liver, HepG2 and A549 lysates. Permeabilized A549 cells. A549 cells.
General notes:
Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

Our RabMab® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMab® patents
This product is a recombinant rabbit monoclonal antibody.

Properties

Form: Liquid
Storage instructions:
Storage buffer:
pH: 7.20
Preservative: 0.01% Sodium azide
Constituents: 9% PBS, 40% Glycerol, 0.05% BSA, 50% Tissue culture supernatant
Purity:
Tissue culture supernatant
Clonality:
Monoclonal
Clone number:
EPR10998
Isotype:
IgG
**Applications**

Our **Abpromise guarantee** covers the use of **ab172630** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
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<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<tr>
<td>ICC/IF</td>
<td></td>
<td>1/250 - 1/500.</td>
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<tr>
<td>Flow Cyt</td>
<td>ab172730</td>
<td>1/100 - 1/500. Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.</td>
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**Application notes**  
Is unsuitable for IHC-P or IP.

**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**  

**Cellular localization**  
Membrane.

**Images**
Flow cytometric analysis of permeabilized A549 cells using ab172630 at a 1/100 dilution (red) or a rabbit IgG (negative) (green).

Immunocytochemistry/Immunofluorescence analysis of A549 cells labeling MRP2 with ab172630 at a 1/250 dilution.

**All lanes**: Anti-MRP2 antibody [EPR10998] (ab172630) at 1/1000 dilution

- **Lane 1**: Human fetal liver lysate
- **Lane 2**: HepG2 lysate
- **Lane 3**: A549 lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size**: 174 kDa

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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