Datasheet for ABIN5647442

# anti-ABCC10 antibody (AA 767-793)

2 Images

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## Overview

| | |
|---|---|
| Quantity: | 0.08 mL |
| Target: | ABCC10 |
| Binding Specificity: | AA 767-793 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS) |

## Product Details

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|---|---|
| Immunogen: | A portion of amino acids 767-793 from the human protein was used as the immunogen for this ABCC10 antibody. |
| Isotype: | Ig Fraction |
| Purification: | Antigen affinity purified |

## Target Details

| | |
|---|---|
| Target: | ABCC10 |
| Alternative Name: | MRP7 / ABCC10 (ABCC10 Products) |
| Background: | Multidrug resistance-associated protein 7 or ATP-binding cassette sub-family C member 10 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, and White). This ABC |

## Target Details

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|---|---|
| | full-transporter is a member of the MRP subfamily which is involved in multi-drug resistance. Multiple transcript variants encoding different isoforms have been found for this gene. |
| UniProt: | Q5T3U5 |

## Application Details

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|---|---|
| Application Notes: | Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow Cytometry: 1:10-1:50 |
| Restrictions: | For Research Use only |

## Handling

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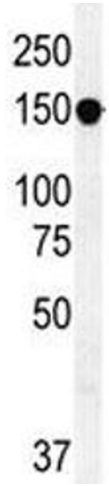
|---|---|
| Buffer: | In 1X PBS, pH 7.4, with 0.09 % sodium azide |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot the ABCC10 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles. |

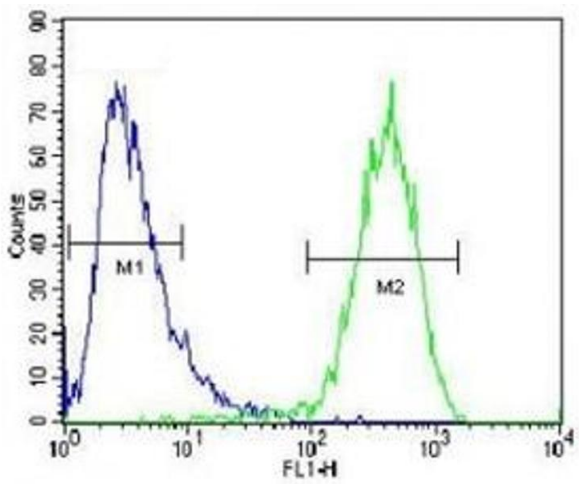
## Images




**Western Blotting**

**Image 1.** ABCC10 antibody western blot analysis in HepG2 lysate. Predicted molecular weight ~162 kDa.

## Images




### Flow Cytometry

**Image 2.** ABCC10 antibody flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.