

Datasheet for ABIN950200
anti-ABCC3 antibody (Middle Region)

3 Images

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Overview

Quantity:	0.4 mL
Target:	ABCC3
Binding Specificity:	AA 906-933, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 906-933 amino acids from the Central region of human ABCC3.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to ABCC3.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	ABCC3
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Target Details

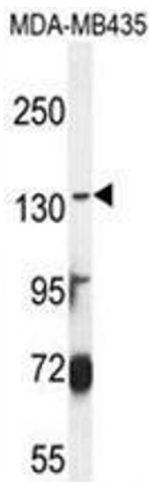
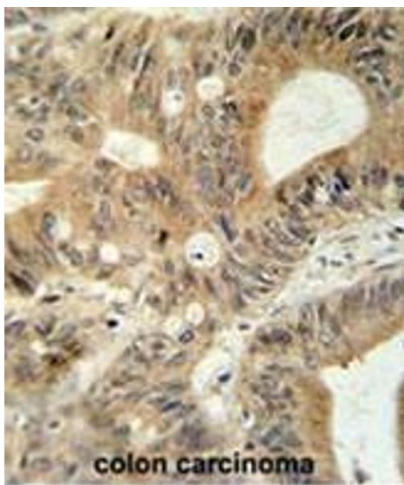
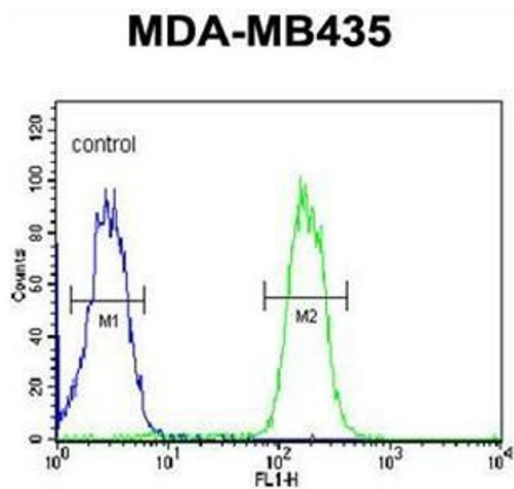
Alternative Name:	ABCC3 / CMOAT2 / MRP3 (ABCC3 Products)
Background:	<p>The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MRP subfamily which is involved in multi-drug resistance. The specific function of this protein has not yet been determined, however, this protein may play a role in the transport of biliary and intestinal excretion of organic anions. Alternatively spliced variants which encode different protein isoforms have been described, however, not all variants have been fully characterized. Synonyms: Canalicular multispecific organic anion transporter 2, MLP2, Multidrug resistance-associated protein 3</p>
Gene ID:	8714
NCBI Accession:	NP_001137542

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. ABCC3 Antibody (Center) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. ABCC3 antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ABCC3 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 3. ABCC3 Antibody (Center) western blot analysis in MDA-MB435 cell line lysates (35 µg/lane). This demonstrates the ABCC3 antibody detected the ABCC3 protein (arrow).