

## ABCB4 RABBIT PAB

**Cat.#:** S221299

**Product Name:** Anti-ABCB4 Rabbit Polyclonal Antibody

**Synonyms:** GBD1; ICP3; MDR2; MDR3; PGY3; ABC21; MDR2/3; PFIC-3

**UNIPROT ID:** P21439 (Gene Accession - NP\_000434 )

**Background:** The membrane-associated 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 MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance as well as antigen presentation. This gene encodes a full transporter and member of the p-glycoprotein family of membrane proteins with phosphatidylcholine as its substrate. The function of this protein has not yet been determined; however, it may involve transport of phospholipids from liver hepatocytes into bile. Alternative splicing of this gene results in several products of undetermined function.

**Immunogen:** Synthetic peptide of human ABCB4

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-300; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

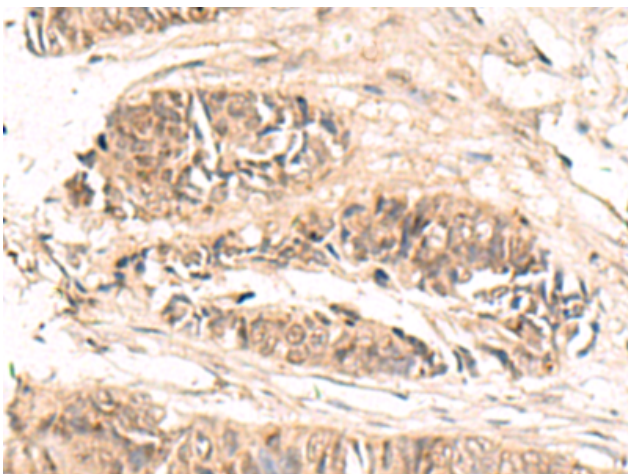
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

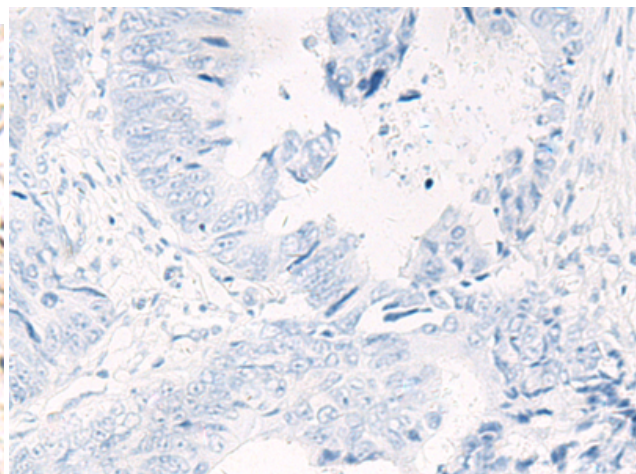
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism, Signal Transduction

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human colorectal cancer tissue using 221299(ABCB4 Antibody) at a dilution of 1/70(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the synthetic peptide and then with 221299(Anti-ABCB4 Antibody) at dilution 1/70.



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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