

Datasheet for ABIN349592

anti-ABCB5 antibody (Internal Region)

4 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ABCB5
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCB5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	ABCB5 antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to residues corresponding to an of human ABCB5.
Isotype:	IgG
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	ABCB5
Alternative Name:	ABCB5 (ABCB5 Products)
Background:	This antibody is designed, produced, and is suitable for Cancer, Immunology and Nuclear Signaling research. Anti-ABCB5 Antibody is a ATP-Binding Cassette protein. ABCB5 is a novel member of the human P-glycoprotein family. It functions as a determinant of membrane

Target Details

potential and regulator of cell fusion in physiologic skin progenitor cells. Cell fusion is thought to contribute to tissue differentiation. ABCB5 is predominantly expressed in melanoma cells and is a novel molecular marker for a distinct subset of chemoresistant stem cell phenotype-expressing tumor cells among human epidermal melanocytes. ABCB5 is a rhodamine efflux transporter. This antibody product is intended to be used to confirm cellular localization and expression level of ABCB5. ABCB5 antibody is ideal for Cancer and Signal Transduction research.

Synonyms: ATP binding cassette sub family B (MDR/TAP) member 5 antibody, ATP binding cassette sub family B member 5 antibody, EST422562 antibody, P glycoprotein ABCB5 antibody

Gene ID: 340273, 56849536

UniProt: [Q2M3G0](#)

Application Details

Application Notes: This affinity purified ABCB5 antibody has been tested for use in ELISA, IHC, and western blotting. Specific conditions for reactivity should be optimized by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

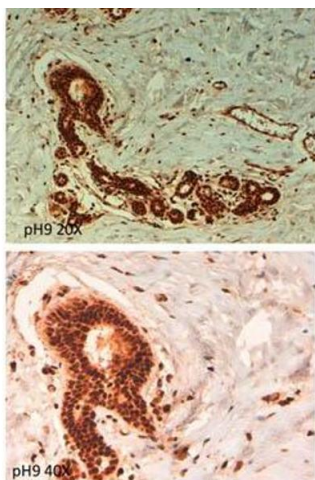
Concentration: 1.29 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Preservative: Sodium azide

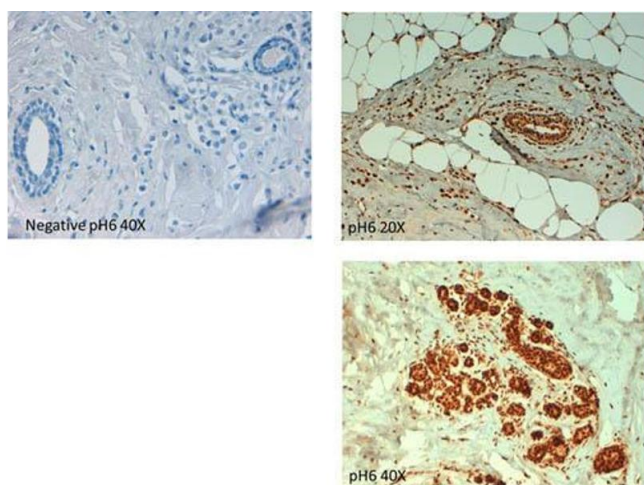
Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C



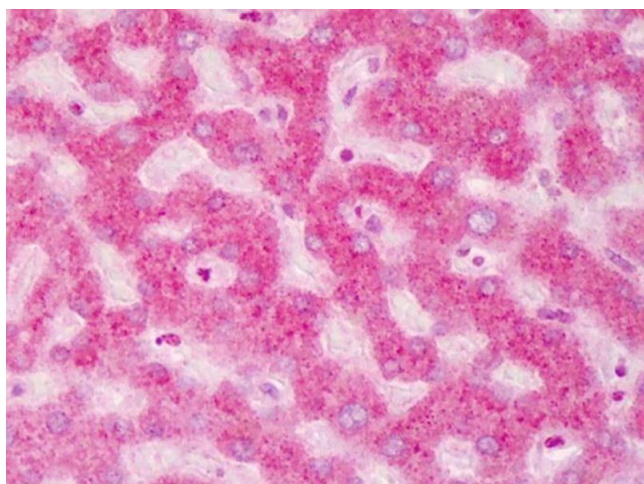
Immunohistochemistry

Image 1. Immunohistochemistry of Rabbit anti ABCB5 antibody. Tissue: human breast carcinoma at pH9. Fixation: formalin fixed paraffin embedded. Primary antibody: ABCB5 antibody at 10 µg/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Localization: ABCB5 is cytoplasmic. Staining: ABCB5 as precipitated brown signal.



Immunohistochemistry

Image 2. Immunohistochemistry of Rabbit anti ABCB5 antibody. Tissue: human breast carcinoma at pH6. Fixation: formalin fixed paraffin embedded. Primary antibody: ABCB5 antibody at 10 µg/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Localization: ABCB5 is cytoplasmic. Staining: ABCB5 as precipitated brown signal with hematoxylin purple nuclear counterstain.



Immunohistochemistry

Image 3. Immunohistochemistry of ABCB5 antibody Tissue: human liver Fixation: formalin fixed paraffin embedded Antigen retrieval: user optimized Primary antibody: ABCB5 1:200 Secondary antibody: Peroxidase goat anti-rabbit at 1:10,000 for 45 min at RT Localization: Moderate to strong cytoplasmic and membranous staining was observed in hepatocytes. Occasional nuclear staining was observed in hepatocytes and sinusoidal cells. Staining: antibody as precipitated red signal with a hematoxylin purple nuclear counterstain

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN349592.