

Datasheet for ABIN731933  
**anti-ABCB5 antibody (AA 841-883)**[1 Image](#)[1 Publication](#)[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	ABCB5
Binding Specificity:	AA 841-883
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCB5 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ABCB5
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Horse
Purification:	Purified by Protein A.

## Target Details

Target:	ABCB5
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## Target Details

Alternative Name:	ABCB5 ( <a href="#">ABCB5 Products</a> )
Background:	<p>Synonyms: ABCB5beta, EST422562, ABCB5alpha, ATP-binding cassette sub-family B member 5, ABCB5 P-gp, P-glycoprotein ABCB5, ABCB5</p> <p>Background: Drug efflux transporter present in a number of stem cells that acts as a regulator of cellular differentiation. Able to mediate efflux from cells of the rhodamine dye and of the therapeutic drug doxorubicin. Specifically present in limbal stem cells, where it plays a key role in corneal development and repair.</p>
Gene ID:	340273
UniProt:	<a href="#">Q2M3G0</a>

## Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

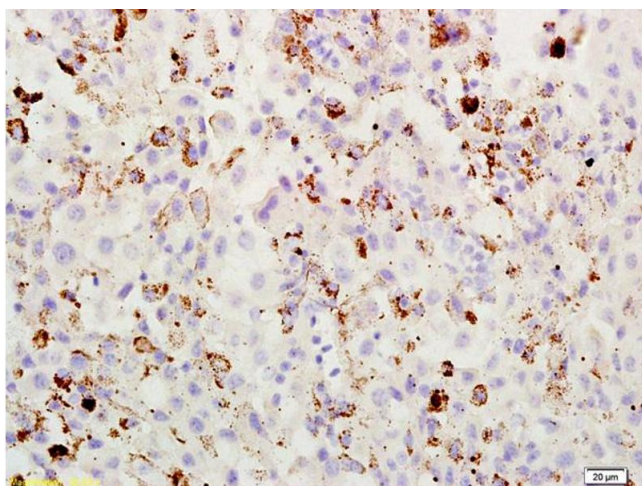
## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

## Publications

Product cited in: Kaushik, Venugopal, Ramamoorthy, Standing, Subramaniam, Umar, Jensen, Anant, Mammen: "Honokiol inhibits melanoma stem cells by targeting notch signaling." in: **Molecular carcinogenesis**, (2014) ([PubMed](#)).

## Images



### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded mouse melanoma labeled with Rabbit Anti ABCB5 Polyclonal Antibody, Unconjugated (ABIN731933) at 1:200 followed by conjugation to the secondary antibody and DAB staining