

Rabbit anti-Human ABCB5 Polyclonal Antibody | anti-ABCB5 antibody

ABCB5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229655	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

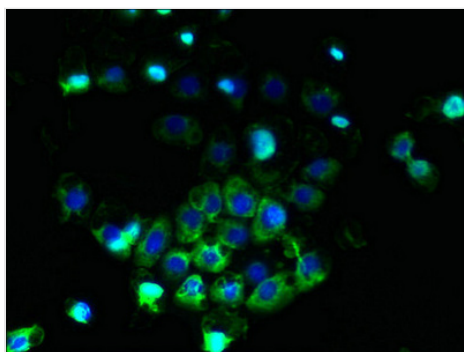
PRODUCT SYNONYMS

ABCB5; Polyclonal Antibody; ABCB5 Antibody; ATP-binding cassette sub-family B member 5; ABCB5 P-gp; P-glycoprotein ABCB5; anti-ABCB5 antibody

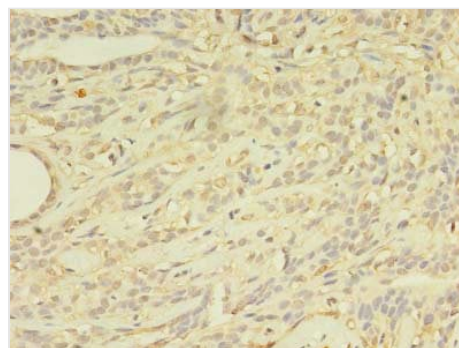
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Liquid
Sequence Length	1257
Applicable Applications for anti-ABCB5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human ATP-binding cassette sub-family B member 5 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-104019
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

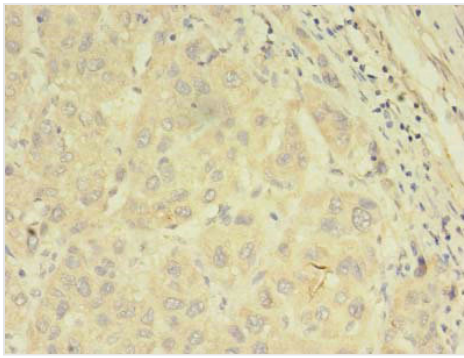
IMAGES


IHC (Immunohistochemisry)

Immunofluorescent analysis of A431 cells using AAA229655 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA229655 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver cancer using AAA229655 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-ABCB5 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	255708477
NCBI GeneID	340273
NCBI Accession #	NP_001157413.1
NCBI GenBank Nucleotide #	NM_001163941.1
UniProt Accession #	Q2M3G0; Q2M3I5; Q5I5Q7; Q5I5Q8; Q6KG50; A4D131; A7BKA4; B5MD19; B7WPL1; F8QQP8; F8QQP9; J3KQ04
Molecular Weight	89,832 Da
NCBI Official Full Name	ATP-binding cassette sub-family B member 5 isoform 1
NCBI Official Synonym Full Names	ATP binding cassette subfamily B member 5
NCBI Official Symbol	ABCB5
NCBI Official Synonym Symbols	ABCB5beta; EST422562; ABCB5alpha
NCBI Protein Information	ATP-binding cassette sub-family B member 5
UniProt Protein Name	ATP-binding cassette sub-family B member 5
UniProt Gene Name	ABCB5
UniProt Entry Name	ABCB5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.