

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

ABCB5 Antibody (N-term)

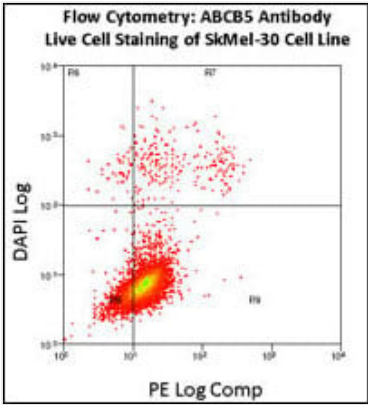
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285079	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

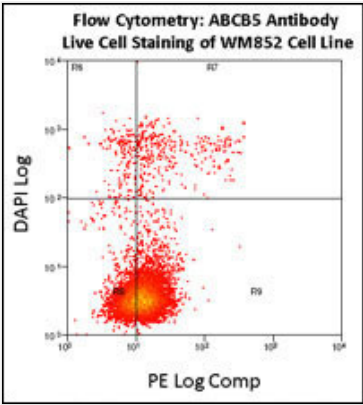
ABCB5; Polyclonal Antibody; ABCB5 Antibody (N-term); ATP-binding cassette sub-family B member 5; ABCB5 P-gp; P-glycoprotein ABCB5; anti-ABCB5 antibody

PRODUCT SPECIFICATIONS

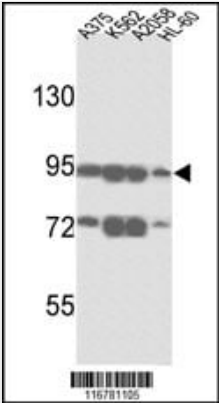
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ABCB5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human ABCB5.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-30
Sequence Length	812
Applicable Applications for anti-ABCB5 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Flow Cytometry using ABCB5 Antibody (N-Term) on SkMel-30 cell line. Live cell staining utilized PE-conjugated goat anti-rabbit (Jackson ImmunoResearch) as a secondary antibody. Analysis was done on an FC500 flow cytometer. Data courtesy of Dr. Steve Reuland, University of Colorado, Denver



FCM/FACS (Flow Cytometry)
Flow Cytometry using ABCB5 Antibody (N-Term) on WM852 cell line. Live cell staining utilized PE-conjugated goat anti-rabbit (Jackson ImmunoResearch) as a secondary antibody. Analysis was done on an FC500 flow cytometer. Data courtesy of Dr. Steve Reuland, University of Colorado, Denver



WB (Western Blot)
Western blot analysis of ABCB5 Antibody (N-term) in A375, K562, A2058 and HL-60 cell line lysates (35ug/lane). ABCB5 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ABCB5 antibody	ABCB5 belongs to the ATP-binding cassette (ABC) transporter superfamily of integral membrane proteins. These proteins participate in ATP-dependent transmembrane transport of structurally diverse molecules ranging from small ions, sugars, and peptides to more complex organic molecules.
Product Categories/Family for anti-ABCB5 antibody	Cancer; Metabolism; Signal Transduction
References	Frank,N.Y., Cancer Res. 65 (10), 4320-4333 (2005) Chen,K.G., Pigment Cell Res. 18 (2), 102-112 (2005) Frank,N.Y., J. Biol. Chem. 278 (47), 47156-47165 (2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	255708477
NCBI GeneID	340273
NCBI Accession #	NP_001157413.1; NP_001157414.1; NP_001157465.1; NP_848654.3
NCBI GenBank Nucleotide #	NM_001163941.1
UniProt Accession #	Q2M3G0; Q2M3I5; Q5I5Q7; Q5I5Q8; Q6KG50; A4D131; A7BKA4; B5MD19; B7WPL1; F8QQP8; F8QQP9; J3KQ04
Molecular Weight	138641

NCBI Official Full Name	ATP-binding cassette sub-family B member 5 isoform 1
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family B (MDR/TAP), 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/abcb5-antibody-flow-cytometry-western-blot-elisa/285079>