

Mouse anti-Human ABCB5 Monoclonal Antibody | anti-ABCB5 antibody

ABCB5 Monoclonal Antibody (11A2)

CATALOG # AAA320427	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot
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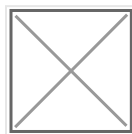
PRODUCT SYNONYMS

ABCB5; Monoclonal Antibody; ABCB5 Monoclonal Antibody (11A2); ATP-binding cassette sub-family B member 5; ABCB5 P-gp; P-glycoprotein ABCB5; anti-ABCB5 antibody

PRODUCT SPECIFICATIONS

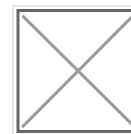
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	11A2
Specificity	The antibody detects endogenous ABCB5 proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Applicable Applications for anti-ABCB5 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide of ABCB5
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



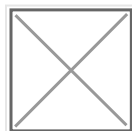
IF (Immunofluorescence)

Immunofluorescence analysis of Human-liver-cancer tissue. 1.ABCB5 Monoclonal Antibody(11A2)(red) was diluted at 1:200(4 degree C.overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature. 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human-breast-cancer tissue. 1.ABCB5 Monoclonal Antibody(11A2) was diluted at 1:200(4 degree C.overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C.20min). 3.Secondary antibody was diluted at 1:200(room temperature. 30min). Negative control was used by secondary antibody only.



WB (Western Blot)

Western blot analysis of 1) Hela. 2) 293T. diluted at 1:2000. cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003.Inventbiotech.MN.USA).

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 (Chen et al., 2005 [PubMed 15760339]).[supplied by OMIM, Mar 2008]
Product Categories/Family for anti-ABCB5 antibody	Primary Antibodies

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, 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; ABCB5 P-gp; ATP-binding cassette protein; P-glycoprotein ABCB5
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.