

ARG64411 anti-ABCB5 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ABCB5
Tested Reactivity	Hu
Tested Application	FACS, WB
Specificity	This antibody is expected to recognise both reported isoforms (NP_848654.3; NP_001157413.1)
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ABCB5
Species	Human
Immunogen	C-QTQHRNTSKKAQ
Conjugation	Un-conjugated
Alternate Names	ATP-binding cassette sub-family B member 5; ABCB5 P-gp; P-glycoprotein ABCB5; ABCB5beta; EST422562; ABCB5alpha

Application Instructions

Application table	Application	Dilution
	FACS	10 µg/ml
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

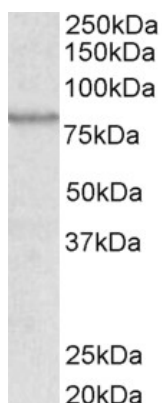
Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

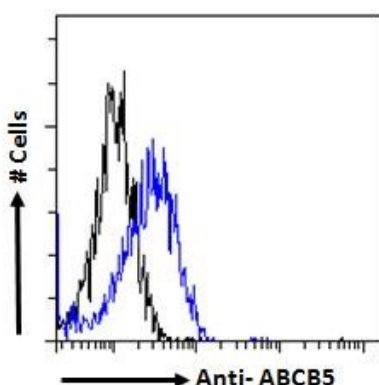
Database links	GeneID: 340273 Human Swiss-port # Q2M3G0 Human
Background	ABCB5 belongs to the ATP-binding cassette (ABC) transporter superfamily of integral membrane proteins. These proteins participate in ATP-dependent transmembrane transport of structurally diverse molecules ranging from small ions, sugars, and peptides to more complex organic molecules (Chen et al., 2005 [PubMed 15760339]).[supplied by OMIM, Mar 2008]
Research Area	Cancer antibody; Signaling Transduction antibody
Calculated Mw	139 kDa

Images



ARG64411 anti-ABCB5 antibody WB image

Western Blot: A431 cell lysate (35 µg protein in RIPA buffer). stained with ARG64411 anti-ABCB5 antibody at 0.3 µg/ml dilution.



ARG64411 anti-ABCB5 antibody FACS image

Flow Cytometry: Paraformaldehyde-fixed HepG2 cells permeabilized with 0.5% Triton. Cells were stained with ARG64411 anti-ABCB5 antibody (blue line) at 10 µg/ml dilution for 1 hour, followed by incubation with Alexa FluorR 488 labelled secondary antibody. IgG control: Unimmunized goat IgG (black line).