



# ABCB5 (8D2) Mouse mAb

<b>Catalog No</b>	BYab-17779
<b>Isotype</b>	IgG1
<b>Reactivity</b>	Human
<b>Applications</b>	WB, ICC/IF
<b>Gene Name</b>	
<b>Alternative Names</b>	ABCB5 P-gp; ATP binding cassette sub family B (MDR/TAP) member 5; P glycoprotein ABCB5
<b>Research Field</b>	Signal Transduction
<b>Product Categories</b>	Primary antibody
<b>Host</b>	Mouse
<b>Molecular Weight</b>	Calculated MW: 139 kDa; Observed MW: 90 kDa
<b>Clonality</b>	Monoclonal Antibody
<b>Clonality No.</b>	8D2-2B8-4E8
<b>Dilution</b>	WB: 1/500-1/1000 IF: 1/50-1/200
<b>Immunogen</b>	Synthetic Peptide of ABCB5
<b>Purification</b>	Affinity Purified
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Form</b>	Liquid
<b>Buffer System</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Background</b>	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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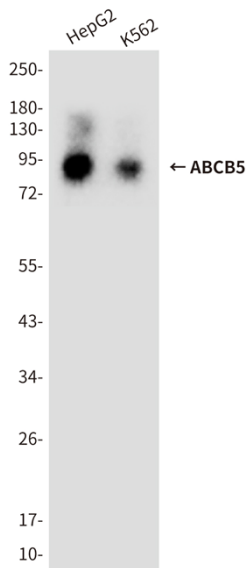
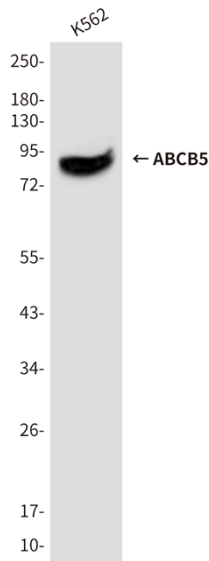
**matters needing attention**

Avoid repeated freezing and thawing!

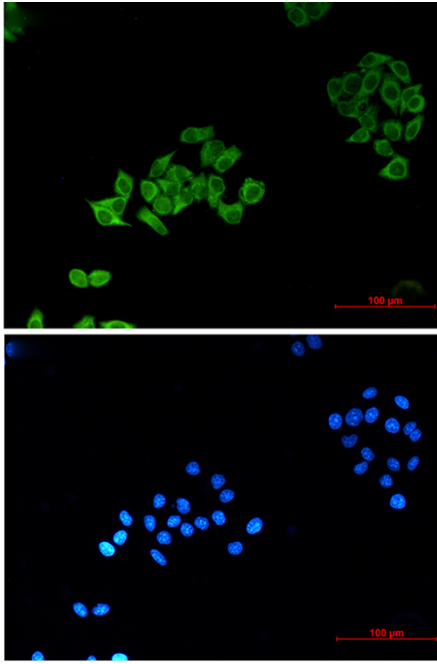
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



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