

## **Product Data Sheet**

## **Anti-ABCB5** Antibody

Catalog #	Source	Reactivity	Applications		
CPA9101	Mouse	Н	WB, IH		
Description	Мо	use monoclonal antibo	dy to ABCB5		
Immunogen	KLH	-conjugated synthetic	peptide encompassing a sequence of human ABCB5. The		
	exa	ct sequence is propriet	ary.		
Purification					
Specificity	Rec	ognizes endogenous le	vels of ABCB5 protein.		
Clonality	Moi	noclonal			
Conjugation					
Form	Liqu	iid in 0.42% Potassium	phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol,		
	and	0.01% sodium azide.			
Dilution	WB	(1/1000 - 1/2000), IH (1	/200 - 1/500)		
Gene Symbol	ABC	CB5			
Alternative Na	ames ATP	ATP-binding cassette sub-family B member 5; ABCB5 P-gp; P-glycoprotein ABCB5			
Entrez Gene	340	340273 (Human)			
SwissProt	Q2N	/I3G0 (Human)			
Storage/Stabi	<b>lity</b> Ship	oped at 4°C. Upon deliv	ery aliquot and store at -20°C for one year. Avoid		
	free	ze/thaw cycles.			

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

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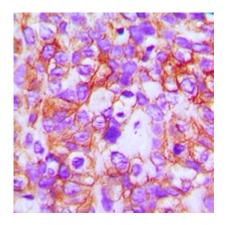
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# Cohesion

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Western blot analysis of ABCB5 expression in Hela (A), 293T (B) whole cell lysates. (Predicted band size: 138 kD; Observed band size: 95 kD)



Immunohistochemical analysis of ABCB5 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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