



## Goat anti-ABCB5 (aa364-378) Antibody

<b>Item Number</b>	dAP-2510
<b>Target Molecule</b>	Principle Name: ABCB5 (aa364-378); Official Symbol: ABCB5; All Names and Symbols: ABCB5; ATP-binding cassette, sub-family B (MDR/TAP), member 5; ABCB5alpha; ABCB5beta; EST422562; ABCB5 P-gp; ATP-binding cassette protein; ATP-binding cassette sub-family B member 5; P-glycoprotein ABCB5; Accession Number (s): NP_001157413.1; NP_848654.3; NP_001157414.1; NP_001157465.1; Human Gene ID(s): 340273; Non-Human GeneID(s): 77706 (mouse) 314537 (rat)
<b>Immunogen</b>	DKKPSIDNFSTAGYK, is from internal region This antibody is expected to recognize reported isoform 1 (NP_001157413.1) or isoform 4 according to UniProtKB (Q2M3G0) only. The immunizing peptide represents part of an extracellular domain.
<b>Applications</b>	Pep ELISA  Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Preliminary experiments gave an approx 85kDa band observed in lysates of cell lines HeLa and K562 (calculated MW of 139kDa according to NP_001157413.1). Please note that the isoform recognized by this antibody is not fully understood. We ap
<b>IHC</b>	
<b>Reference</b>	Reference(s): Fukunaga-Kalabis M, Martinez G, Nguyen TK, Kim D, Santiago-Walker A, Roesch A, Herlyn M. Tenascin-C promotes melanoma progression by maintaining the ABCB5-positive side population. <i>Oncogene</i> . 2010 Nov 18;29(46):6115-24..PMID: 20729912->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**