

## Goat anti-ABCB5 Antibody

<b>Item Number</b>	dAP-1297
<b>Target Molecule</b>	Principle Name: ABCB5; Official Symbol: ABCB5; All Names and Symbols: ATP-binding cassette, sub-family B (MDR/TAP), member 5 ; ABCB5alpha; ABCB5beta; EST422562; ATP-binding cassette, sub-family B, member 5N: P-glycoprotein ABCB5; Accession Number (s): NP_848654.3; NP_001157413.1; Human Gene ID(s): 340273; Non-Human GeneID(s):
<b>Immunogen</b>	QTQHRNTSKKAQ , is from internal region This antibody is expected to recognise both reported isoforms (NP_848654.3; NP_001157413.1)
<b>Applications</b>	Pep ELISA, WB, FC  Species Tested: Human
<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 32000.
<b>Western Blot</b>	Western Blot: Approx 80kDa band observed in lysates of cell line A431(calculated MW of 89.8kDa according to NP_848654.3). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Frank NY, Margaryan A, Huang Y, Schatton T, Waaga-Gasser AM, Gasser M, Sayegh MH, Sadee W, Frank MH. ABCB5-mediated doxorubicin transport and chemoresistance in human malignant melanoma. Cancer Res. 2005 May 15;65(10):4320-33..PMID: 15899824 ->

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**