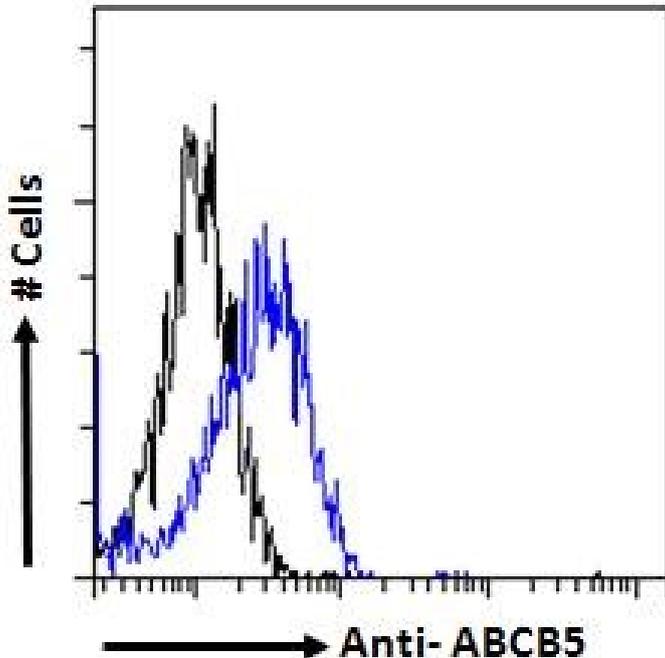




# GOAT ANTI-ABCB5 ANTIBODY

SKU: EB08211



## SPECIFICATIONS

**Formulation** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

**Storage Instructions** Aliquot and store at -20°C. Minimize freezing and thawing.

**Synonym / Alias Names** ATP-binding cassette, sub-family B, member 5N: P-glycoprotein  
ABCB5|EST422562|ABCB5beta|ABCB5alpha|ATP-binding cassette, sub-family B (MDR/TAP), member 5

**Usage Summary** **Flow Cytometry:** Flow cytometric analysis of HepG2 cells. Recommended concentration: 10ug/ml.

**Accession ID** NP\_848654.3; NP\_001157413.1

**Blocking Peptide** EBP08211

**Immunogen** Peptide with sequence C-QTQHRNTSKKAQ , from the internal region of the protein sequence according to NP\_848654.3; NP\_001157413.1.



<b>Product Comments</b>	This antibody is expected to recognise both reported isoforms (NP_848654.3; NP_001157413.1)
<b>Peptide Sequence</b>	C-QTQHRNTSKKAQ
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human
<b>Reactive Species</b>	Human, Mouse
<b>Human Gene ID</b>	340273
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:32000.
<b>Western Blot</b>	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>Application Type</b>	Pep-ELISA, WB, FC

## SELECTED REFERENCES

[{"pmid": 20682318, "intro": "**This antibody (previous batch) has been successfully used in Flow Cytometry on Human:**", "title": "Granulin-epithelin precursor and ATP-dependent binding cassette (ABC)B5 regulate liver cancer cell chemoresistance.", "author": "Cheung ST, Cheung PF, Cheng CK, Wong NC, Fan ST.", "journal": "Gastroenterology. 2011 Jan;140(1):344-55."}, {"pmid": 39267923, "intro": "**This antibody has been successfully used in Flow Cytometry on Mouse:**", "title": "The uniqueness of ABCB5 as a full transporter ABCB5FL and a half-transporter-like ABCB5?", "author": "Louise Gerard, Jean-Pierre Gillet", "journal": "Cancer Drug Resist. 2024 Aug 7:7:29."}]

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

