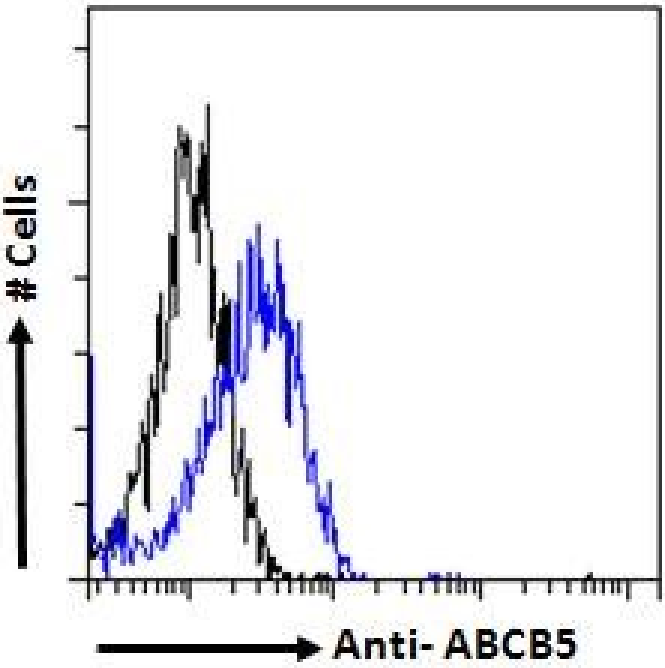
www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

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.

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

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