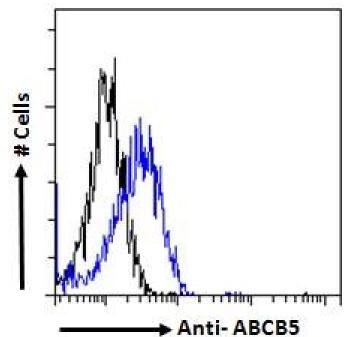


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erest

GOAT ANTI-ABCB5 ANTIBODY





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

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

Synonym /

ATP-binding cassette, sub-family B, member 5N: P-glycoprotein

Alias Names

ABCB5|EST422562|ABCB5beta|ABCB5alpha|ATP-binding cassette, sub-family B (MDR/TAP), member 5

Usage

Flow Cytometry: Flow cytometric analysis of HepG2 cells. Recommended concentration:

Summary

10ug/ml.

Accession

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.





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Product Comments

This antibody is expected to recognise both reported isoforms (NP_848654.3; NP_001157413.1)

Peptide

C-QTQHRNTSKKAQ

Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method

using the immunizing peptide.

Shipping Instructions

Refrigerated

Human

Predicted

Species

Reactive

Human, Mouse **Species**

Human

340273 Gene ID

Product

Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite medium.png

ELISA

Detection Antibody detection limit dilution 1:32000.

Limit

Western 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. Blot

Application

Pep-ELISA, WB, FC **Type**

SELECTED REFERENCES

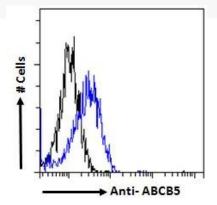
[{"pmid": 20682318, "intro": "This antibody (previous batch) has been successfully used in Flow Cytometry on Human:", "title": "Granulin-epithelin precursor and ATP-dependent binding cassette (ABC)B5 regulate liver cancer cell chemoresistance.", "author": "Cheung ST, Cheung PF, Cheng CK, Wong NC, Fan 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."}]

GALLERY IMAGES



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250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa