

For Research Use Only

P glycoprotein Recombinant antibody

Catalog Number:84295-3-RR



Basic Information

Catalog Number:

84295-3-RR

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC130424

GeneID (NCBI):

5243

UNIPROT ID:

P08183

Full Name:

ATP-binding cassette, sub-family B (MDR/TAP), member 1

Calculated MW:

1280 aa, 142 kDa

Observed MW:

130-150 kDa

Purification Method:

Protein A purification

CloneNo.:

241512A1

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : PC-3 cells, HuH-7 cells, HepG2 cells, HeLa cells

Background Information

ABCB1 (also known as P-gp/ P-glycoprotein, MDR1/multidrug-resistance 1) is a plasma membrane protein first discovered in multidrug resistant tumor cells. ABCB1 can extrude a large number of medically relevant compounds from cells and causes drug resistance. ABCB1 is expressed in a variety of human cancers as well as normal tissues including brain, and placenta. Overexpression of ABCB1 correlates with a negative prognosis in several types of cancer.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

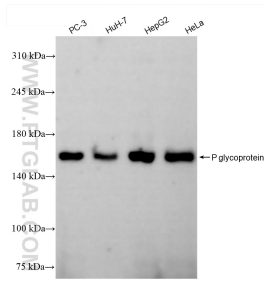
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84295-3-RR (P-glycoprotein antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.