

For Research Use Only

# P glycoprotein Recombinant antibody, PBS Only

Catalog Number:84295-3-PBS



## Basic Information

Catalog Number:

84295-3-PBS

Size:

100ug , Concentration: 1 mg/ml by  
Nanodrop;

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

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## 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 -80°C.

Storage Buffer:

PBS Only

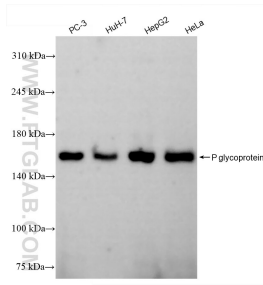
For technical support and original validation data for this product please contact:

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## 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. This data was developed using the same antibody clone with 84295-3-PBS in a different storage buffer formulation.