

For Research Use Only

# P glycoprotein Recombinant antibody

Catalog Number:84295-3-RR



## Basic Information

|   |   |   |
|---|---|---|
| <b>Catalog Number:</b><br>84295-3-RR                          | <b>GenBank Accession Number:</b><br>BC130424                                | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ul , Concentration: 800 ug/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>5243   | <b>CloneNo.:</b><br>241512A1                          |
| <b>Source:</b><br>Rabbit                                      | <b>UNIPROT ID:</b><br>P08183  | <b>Recommended Dilutions:</b><br>WB 1:500-1:2000      |
| <b>Isotype:</b><br>IgG  | <b>Full Name:</b><br>ATP-binding cassette, sub-family B (MDR/TAP), member 1 |   |
|   | <b>Calculated MW:</b><br>1280 aa, 142 kDa                                   |   |
|   | <b>Observed MW:</b><br>130-150 kDa  |   |

## Applications

|  |  |
|--|--|
| <b>Tested Applications:</b><br>WB, ELISA | <b>Positive Controls:</b><br>WB : PC-3 cells, HuH-7 cells, HepG2 cells, HeLa cells |
| <b>Species Specificity:</b><br>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 -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

**\*\*\* 20ul sizes contain 0.1%BSA**

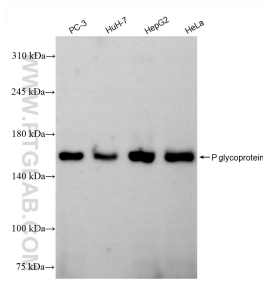
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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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.