

For Research Use Only

# Pregnancy Zone Protein Recombinant antibody, PBS Only

Catalog Number: 84605-4-PBS



## Basic Information

Catalog Number:

84605-4-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16471

GenBank Accession Number:

BC111756

GeneID (NCBI):

5858

UNIPROT ID:

P20742

Full Name:

pregnancy-zone protein

Calculated MW:

1482 aa, 164 kDa

Observed MW:

180 kDa

Purification Method:

Protein A purification

CloneNo.:

242114A6

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## Background Information

Pregnancy Zone Protein (PZP) is an immunosuppressive protein that is expressed by the placenta. The PZP is a thiol ester-containing alpha macroglobulin protein that controls the proteolytic pathways during pregnancy and contributes to maintaining the immunologically privileged status of the fetus. Recently PZP over-expression has been described as a novel biomarker for predicting the prognosis of hepatocellular carcinoma and its high expression has been reported in solid tumors.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

T: 4006900926

E: Proteintech-CN@ptglab.com

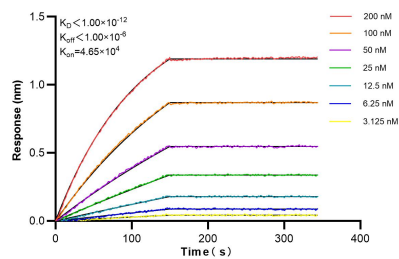
W: ptgcn.com

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

## Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 84605-4-RR (Pregnancy Zone Protein antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84605-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84605-4-RR against Human Pregnancy Zone Protein were performed. The affinity constant is below 1 pM.