

For Research Use Only

Pregnancy Zone Protein Recombinant antibody

Catalog Number: 84605-4-RR



Basic Information

Catalog Number:

84605-4-RR

Concentration:

1000 ug/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

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human plasma,

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 -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:

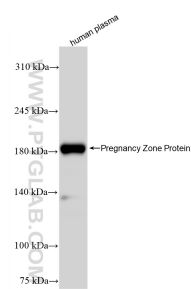
T: 4006900926

E: Proteintech-CN@ptglab.com

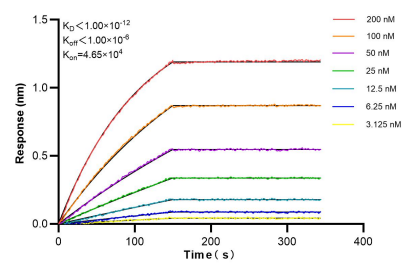
W: ptgcn.com

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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.



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