

For Research Use Only

Pregnancy Zone Protein Recombinant antibody, PBS Only

Catalog Number: 84605-4-PBS



Basic Information

Catalog Number: 84605-4-PBS	GenBank Accession Number: BC111756	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5858	CloneNo.: 242114A6
Source: Rabbit	UNIPROT ID: P20742	
Isotype: IgG	Full Name: pregnancy-zone protein	
Immunogen Catalog Number: AG16471	Calculated MW: 1482 aa, 164 kDa	
	Observed MW: 180 kDa	

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

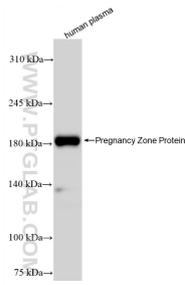
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

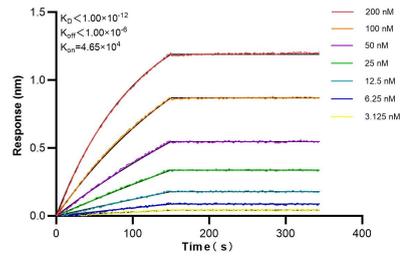
For technical support and original validation data for this product please contact:
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Selected Validation Data



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. 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.