

For Research Use Only

# PGF/PIGF Monoclonal antibody, PBS Only (Capture)

Catalog Number: 68644-2-PBS



## Basic Information

Catalog Number: 68644-2-PBS	GenBank Accession Number: NP_001193941.1	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 5228	CloneNo.: 4F4F3
Source: Mouse	UNIPROT ID: P49763-2	Affinity: $K_D = 1.12 \times 10^{-10}$
Isotype: IgG1	Full Name: placental growth factor	$K_{off} = 2.03 \times 10^{-6}$
Immunogen Catalog Number: EG0653	Calculated MW: 17KD	$K_{on} = 1.81 \times 10^4$

## Applications

Tested Applications:  
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:  
human

## Background Information

### 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, pH7.3

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

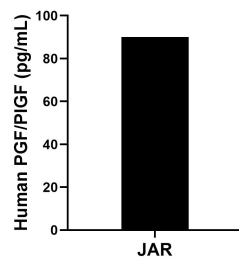
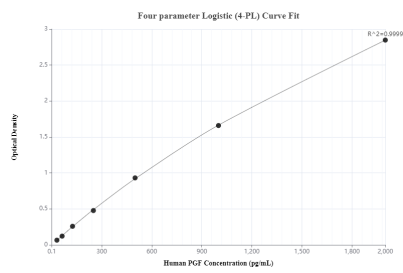
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## Selected Validation Data



Sandwich ELISA standard curve of MP50063-1, PGF Monoclonal Matched Antibody Pair - PBS only. 68644-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0653. 68644-1-PBS was HRP conjugated as the detection antibody. Range: 31.25-2000 pg/mL.

JAR were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100  $\mu$ g/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human PGF/PIGF, and measured 90.1 pg/mL.