

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
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5228	CloneNo.: 4F4F3
Source: Mouse	UNIPROT ID: P49763-2	Affinity: $K_D = 1.12 \times 10^{-10}M$
Isotype: IgG1	Full Name: placental growth factor	$K_{off} = 2.03 \times 10^{-6}M$
	Calculated MW: 17KD	$K_{on} = 1.81 \times 10^4M$

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

68644-2-PBS targets PGF/PIGF as part of a matched antibody pair:

MP50063-1: 68644-2-PBS capture and 68644-1-PBS detection (validated in Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

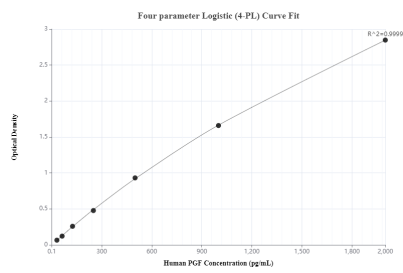
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

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.