

PGF/PIGF Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: MP50063-1

Capture Antibody Information

Catalog Number:
68644-2-PBS

Host:
Mouse

Isotype:
IgG1

Purification Method:
Protein A purification

Clone ID:
4F4F3

Reactivity:
human

Conjugate:
Unconjugated

Full name:
placental growth factor

Gene ID:
5228

Affinity:
 $K_D = 1.12 \times 10^{-10} \text{M}$
 $K_{Off} = 2.03 \times 10^{-6} \text{M}$
 $K_{On} = 1.81 \times 10^4 \text{M}$

Detection Antibody Information

Catalog Number:
68644-1-PBS

Host:
Mouse

Isotype:
IgG2b

Purification Method:
Protein A purification

Clone ID:
3E9D2

Reactivity:
human

GenBank:
NP_001193941.1

Conjugate:
Unconjugated

Full name:
placental growth factor

Gene ID:
5228

Affinity:
 $K_D = 2.49 \times 10^{-9} \text{M}$
 $K_{Off} = 1.28 \times 10^{-4} \text{M}$
 $K_{On} = 5.12 \times 10^4 \text{M}$

Applications

Tested Applications:
Sandwich ELISA

Range:
31.25–2000 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP50063-1 targets PGF/PIGF in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: PGF/PIGF Monoclonal antibody, PBS Only (Capture) 68644-2-PBS (4F4F3). 100 µg. Concentration 1 mg/mL.

Detection antibody: PGF/PIGF Monoclonal antibody, PBS Only (Detector) 68644-1-PBS (3E9D2). 100 µg. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.

Storage buffer:
PBS only

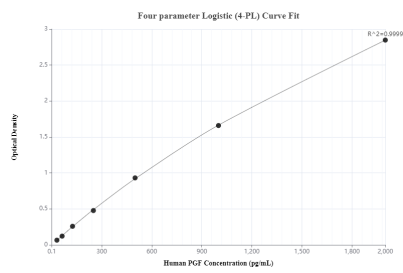
For technical support and original validation data for this product please contact:

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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.