

For Research Use Only

PGF Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50063-2

Capture Antibody Information

Catalog Number:
68644-3-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
3G4E1
Reactivity:
Human

Conjugate:
Unconjugated
Full name:
placental growth factor
Gene ID:
5228
Affinity:
 $K_D = 1.93 \times 10^{-10}M$
 $K_{Off} = 2.80 \times 10^{-6}M$
 $K_{On} = 1.45 \times 10^4M$

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

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

MP50063-2 targets PGF in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.
Capture antibody: PGF Monoclonal antibody, PBS Only (Capture) 68644-3-PBS (3G4E1). 100 µg. Concentration 1 mg/mL.
Detection antibody: PGF Monoclonal antibody, PBS Only (Detector) 68644-1-PBS (3E9D2). 100 µg. Concentration 1 mg/mL.
Alternative PGF matched antibody pairs: MP00146-1, MP00146-2, MP00146-3, MP50063-1
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.

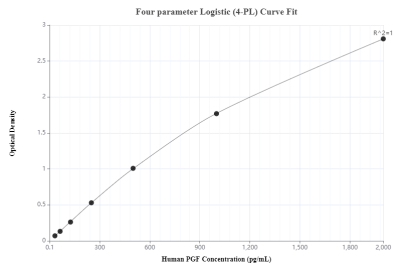
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Sandwich ELISA standard curve of MP50063-2, PGF Monoclonal Matched Antibody Pair - PBS only. 68644-3-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.