

For Research Use Only

# PTGS1 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50848-1

## Capture Antibody Information

**Catalog Number:**  
67346-2-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG1  
**Purification Method:**  
Protein G Magarose purification

**Clone ID:**  
1D6E10  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Ag28280

**Conjugate:**  
Unconjugated  
**Full name:**  
prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)  
**Gene ID:**  
5742

## Detection Antibody Information

**Catalog Number:**  
67346-3-PBS  
**Host:**  
Mouse  
**Isotype:**  
IgG3  
**Purification Method:**  
Protein A Magarose purification

**Clone ID:**  
1H9D5  
**Reactivity:**  
human  
**GenBank:**  
BC029840  
**Immunogen Catalog Number:**  
Ag28280

**Conjugate:**  
Unconjugated  
**Full name:**  
prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)  
**Gene ID:**  
5742

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.098-6.25 ng/mL (Cytometric Bead Array)

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

## Product Information

MP50848-1 targets PTGS1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.  
Capture antibody: PTGS1 Monoclonal antibody, PBS Only (Capture) 67346-2-PBS (1D6E10). 100 µg. Concentration 1 mg/ml.  
Detection antibody: PTGS1 Monoclonal antibody, PBS Only (Detector) 67346-3-PBS (1H9D5). 100 µg. Concentration 1 mg/ml.  
Alternative PTGS1 matched antibody pairs: MP01068-2, MP01068-4  
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

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

## Selected Validation Data



Cytometric bead array standard curve of MP50848-1, PTGS1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67346-2-PBS. Detection antibody: 67346-3-PBS. Standard: Ag28280. Range: 0.098-6.25 ng/mL