

# COX-1/Cyclooxygenase-1

## Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01068-1**

### Capture Antibody Information

**Catalog Number:**  
84151-3-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
241373E7

**Reactivity:**  
human

**GenBank:**  
BC029840

**Immunogen Catalog Number:**  
Ag4055

**Conjugate:**  
Unconjugated

**Full name:**  
prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)

**Gene ID:**  
5742

### Detection Antibody Information

**Catalog Number:**  
84151-1-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
241373A11

**Reactivity:**  
human

**GenBank:**  
BC029840

**Immunogen Catalog Number:**  
Ag4055

**Conjugate:**  
Unconjugated

**Full name:**  
prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)

**Gene ID:**  
5742

### Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.781-100 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

MP01068-1 targets COX-1/Cyclooxygenase-1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: COX-1/Cyclooxygenase-1 Recombinant antibody, PBS Only (Capture/Detector) 84151-3-PBS (241373E7). 100 µg. Concentration 1 mg/mL.

Detection antibody: COX-1/Cyclooxygenase-1 Recombinant antibody, PBS Only (Detector) 84151-1-PBS (241373A11). 100 µg. Concentration 1 mg/mL.

Alternative COX-1/Cyclooxygenase-1 matched antibody pairs: MP01068-3

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

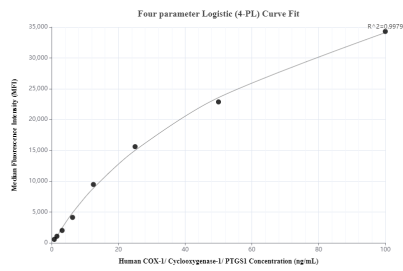
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

### Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

# Selected Validation Data



Cytometric bead array standard curve of MP01068-1, COX-1/Cyclooxygenase-1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84151-3-PBS. Detection antibody: 84151-1-PBS. Standard: Ag4055. Range: 0.781-100 ng/mL.