

For Research Use Only

# COX-1/Cyclooxygenase-1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01068-3

## Capture Antibody Information

**Catalog Number:**  
84151-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241373B7  
**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:**  
84151-3-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

## 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

MP01068-3 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) 84151-2-PBS (241373B7). 100  $\mu$ g. Concentration 1 mg/ml.

Detection antibody: COX-1/Cyclooxygenase-1 Recombinant antibody, PBS Only (Capture/Detector) 84151-3-PBS (241373E7). 100  $\mu$ g. Concentration 1 mg/ml.

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

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

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

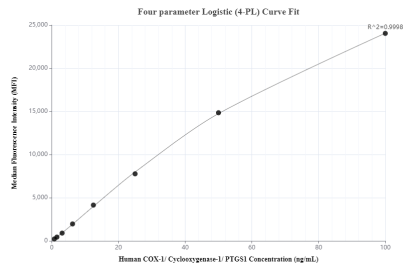
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Cytometric bead array standard curve of MP01068-3, COX-1/Cyclooxygenase-1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84151-2-PBS. Detection antibody: 84151-3-PBS. Standard: Ag4055. Range: 0.781-100 ng/mL.