

COX2/ Cyclooxygenase 2/ PTGS2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03379-1**

Capture Antibody Information

Catalog Number:
81368-9-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
253114H1
Reactivity:
human
GenBank:
BC013734
Immunogen Catalog Number:
Ag26174

Conjugate:
Unconjugated
Full name:
prostaglandin-endoperoxide synthase
2 (prostaglandin G/H synthase and
cyclooxygenase)
Gene ID:
5743

Detection Antibody Information

Catalog Number:
81368-8-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
253114D4
Reactivity:
human
GenBank:
BC013734
Immunogen Catalog Number:
Ag26174

Conjugate:
Unconjugated
Full name:
prostaglandin-endoperoxide synthase
2 (prostaglandin G/H synthase and
cyclooxygenase)
Gene ID:
5743

Applications

Tested Applications:
Cytometric bead array

Range:
0.469-60 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

MP03379-1 targets COX2/ Cyclooxygenase 2/ PTGS2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: COX2/ Cyclooxygenase 2 Recombinant monoclonal antibody, PBS Only (Capture) 81368-9-PBS (253114H1). 100 µg. Concentration 1 mg/mL.

Detection antibody: COX2/ Cyclooxygenase 2 Recombinant monoclonal antibody, PBS Only (Detector) 81368-8-PBS (253114D4). 100 µg. Concentration 1 mg/mL.

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.

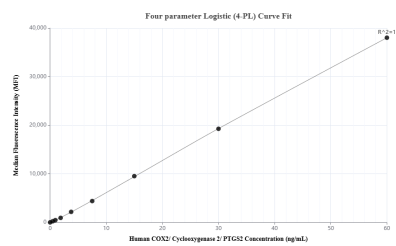
Storage

Storage:
Store at -80°C.

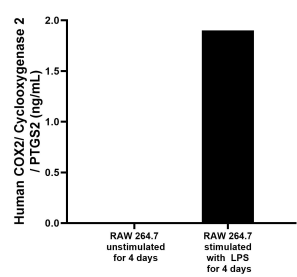
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

Selected Validation Data



Cytometric bead array standard curve of MP03379-1, COX2/ Cyclooxygenase 2/ PTGS2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 81368-9-PBS. Detection antibody: 81368-8-PBS. Standard: Ag26174. Range: 0.469-60 ng/mL



RAW 264.7 mouse monocyte/macrophage cells (3.5×10^6 cells/mL) were cultured in DMEM supplemented with 8% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 μ g/mL streptomycin sulfate. Cells were cultured stimulated with 1 μ g/mL LPS for 4 days. Aliquots of the cell culture supernates were removed and assayed for levels of COX2/ Cyclooxygenase 2/ PTGS2, and measured 1.9 ng/mL