

For Research Use Only

COX2/ Cyclooxygenase 2 Recombinant monoclonal antibody, PBS Only (Capture)



Catalog Number: 81368-10-PBS

Basic Information

Catalog Number:

81368-10-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26174

GenBank Accession Number:

BC013734

GeneID (NCBI):

5743

UNIPROT ID:

P35354

Full Name:

prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)

Calculated MW:

604 aa, 68 kDa

Purification Method:

Protein A purification

CloneNo.:

253114E1

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA

Species Specificity:

human

Background Information

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, pH7.3

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

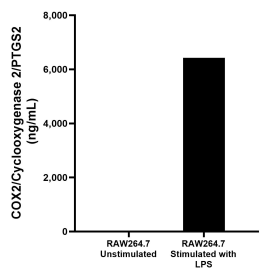
T: 4006900926

E: Proteintech-CN@ptglab.com

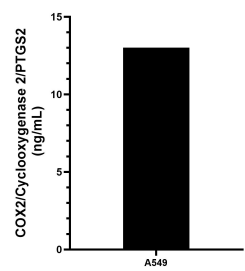
W: ptgcn.com

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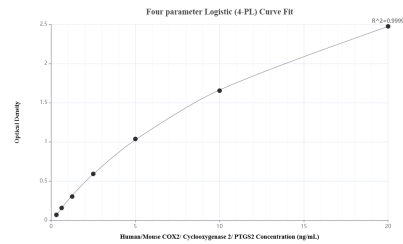
Selected Validation Data



The mean COX2/ Cyclooxygenase 2/ PTGS2 concentration was determined to be 13.84 ng/mL in unstimulated RAW264.7 cell extract based on a 1.1 mg/mL extract load and 6,427.43 ng/mL in LPS stimulated RAW264.7 cell extract based on a 3.2 mg/mL extract load.



The mean COX2/ Cyclooxygenase 2/ PTGS2 concentration was determined to be 13.01 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP03379-2, Human/Mouse COX2/ Cyclooxygenase 2/ PTGS2 Recombinant Matched Antibody Pair - PBS only. 81368-10-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag26174. 81368-8-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL