

For Research Use Only

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

Catalog Number: 81368-9-PBS



Basic Information

Catalog Number: 81368-9-PBS	GenBank Accession Number: BC013734	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 5743	CloneNo.: 253114H1
Isotype: IgG	UNIPROT ID: P35354	
Immunogen Catalog Number: AG26174	Full Name: prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	
	Calculated MW: 604 aa, 68 kDa	

Applications

Tested Applications:
Cytometric bead array, 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:

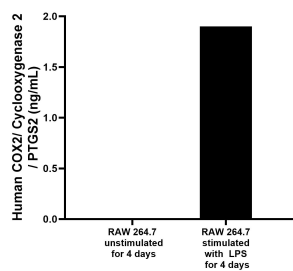
T: 4006900926

E: Proteintech-CN@ptglab.com

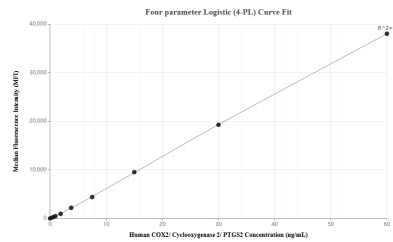
W: ptgcn.com

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Selected Validation Data



RAW 264.7 mouse monocyte/macrophage cells (3.5 x 10⁶ cells/mL) were cultured in DMEM supplemented with 8% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. Cells were cultured stimulated with 1 µg/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.



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.