

Cox2 Monoclonal Antibody

CAB3560

Description

This Cox2 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB3560

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Monoclonal Antibody

Synonyms: COX2, COX-2, PHS-2, PGG/HS, PGHS-2, hCox-2, GRIPGHS, COX2/PTGS2

Clone: ARC0800

Applications: WB IHC-P ELISA

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 5743

Uniprot: -

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 74kDa

Calculated MW: 69kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

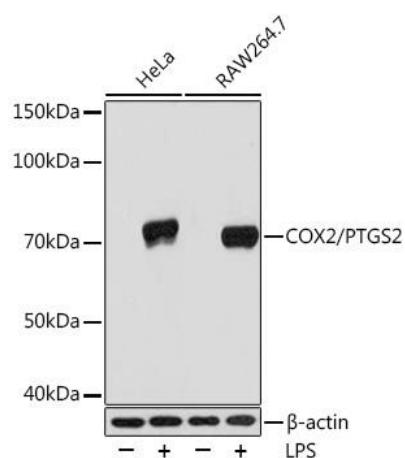
Positive Sample: HeLa treated by LPS, RAW 264.7 treated by LPS

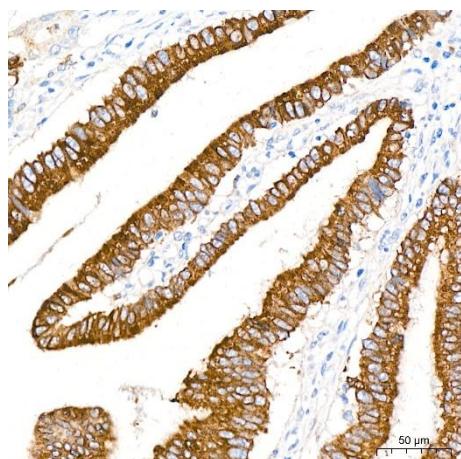
Recommended Dilutions:

| | |
|-------|---|
| WB | 1:1000 - 1:6000 |
| IHC-P | 1:200 - 1:2000 |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

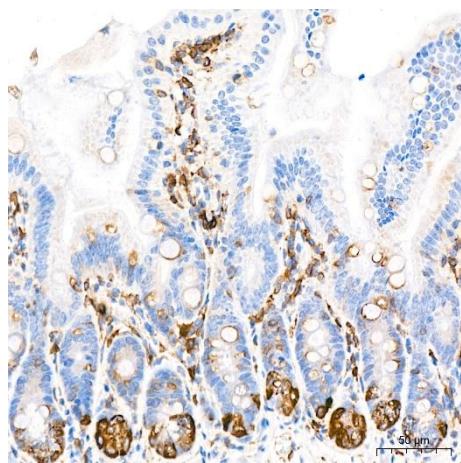
Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data

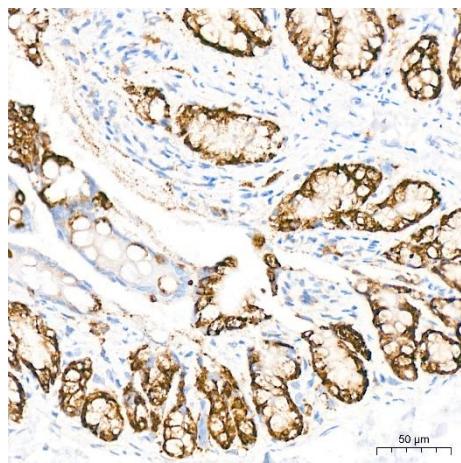




Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using /PTGS2 Rabbit mAb (CAB3560) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse intestine tissue using /PTGS2 Rabbit mAb (CAB3560) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using /PTGS2 Rabbit mAb (CAB3560) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.