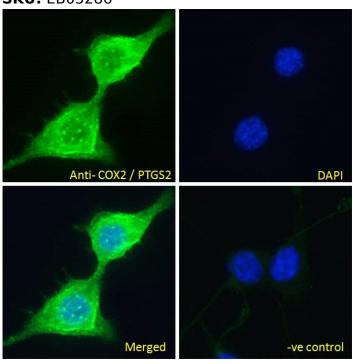






## **GOAT ANTI-COX2 / PTGS2 ANTIBODY**

**SKU:** EB05286



## **SPECIFICATIONS**

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 μg

Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / cyclooxygenase 2b|GRIPGHS|prostaglandin G/H synthase and

Alias Names cyclooxygenase|hCox-2|PGHS-2|PGG/HS|PHS-2|COX-2|prostaglandin-endoperoxide synthase 2 (prostaglandin G/H

synthase and cyclooxygenase)|COX2|PTGS2

Usage

<strong>Immunofluorescence:</strong> Strong expression of the protein seen in the cytoplasm and vesicles of

HepG2 and NIH3T3 cells. Recommended concentration: 10μg/ml. <strong>Flow Cytometry:</strong> Flow

Summary

cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

validation:</strong> This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID:

30377371.

Accession

NP\_000954.1

**Blocking Peptide** 

EBP05286





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Immunogen Peptide with sequence C-NPTVLLKERSTEL, from the C Terminus of the protein sequence according to NP\_000954.1.

**Peptide** Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method

the immunizing peptide.

Shipping

Refrigerated Instructions

**Predicted** 

**Species** 

Human, Dog, Pig, Cow

Reactive

Human, Mouse Species

Human

5743 Gene ID

**Product** 

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\_plus\_medium.png

Grade **ELISA** 

Detection

Antibody detection limit dilution 1:32000.

Limit Western

Approx 75-80kDa band observed in lysates of cell lines A549 and Daudi (predicted MW of 69kDa according to NP\_000954.1). This molecular weight is routinely observed by other sources. Recommended concentration:

0.1-0.3μg/ml. Primary incubation 1 hour at room temperature.

**Application** 

Type

Blot

Pep-ELISA, WB, IF, FC

## SELECTED REFERENCES

[{"pmid": 30377371, "intro": "This antibody has been successfully used in the following paper:", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018 Nov;15(11):909-912"}, {"pmid": 23241323, "intro": "This antibody has been successfully used in the following paper:", "title": "Glucagon-like peptide-1 preserves coronary microvascular endothelial function after cardiac arrest and resuscitation: potential antioxidant effects", "author": "Betsy B Dokken, Charles V Piermarini, Mary K Teachey, Michael T Gura, Christian J Dameff, Brian D Heller, Jonida Krate, Aeen M Ashgar, Lauren Querin, Jennifer L Mitchell, Ronald W Hilwig, Karl B Kern", "journal": "Am J Physiol Heart Circ Physiol. 2013 Feb 15;304(4):H538-46."}]

## **GALLERY IMAGES**



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