

Basic Information

Product Name	Anti-COX2/Cyclooxygenase 2/PTGS2 Antibody (Clone#EEC-16)
Gene Name	PTGS2
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse
Tested Application	WB, ICC/IF
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human COX2
Concentration	500ug/ml
Purification	Affinity-chromatography
Observed MW	75 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunocytochemistry/Immunofluorescence (ICC/IF):1:50-200

Storage

12 months from date of receipt, -20°C as supplied.

Background Information

Converts arachidonate to prostaglandin H2 (PGH2), a committed step in prostanoid synthesis. Constitutively expressed in some tissues in physiological conditions, such as the endothelium, kidney and brain, and in pathological conditions, such as in cancer. PTGS2 is responsible for production of inflammatory prostaglandins. Up-regulation of PTGS2 is also associated with increased cell adhesion, phenotypic changes, resistance to apoptosis and tumor angiogenesis. In cancer cells, PTGS2 is a key step in the production of prostaglandin E2 (PGE2), which plays important roles in modulating motility, proliferation and resistance to apoptosis.

Product datasheet

Anti-COX2/Cyclooxygenase 2/PTGS2

Antibody (Clone#EEC-16)

Catalog Number: **BM4419**

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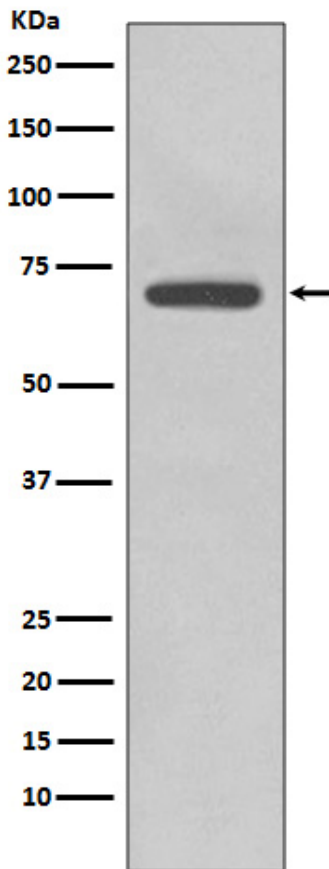
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.

Web: www.boster.com Phone: 027-67845390/1/2 Email: boster@boster.com

Reference

Anti-COX2/Cyclooxygenase 2/PTGS2 Antibody (Clone#EEC-16)被引用在15文献中。

Selected Validation Data



Western blot analysis of COX2 expression in RAW264.7 cell lysate treated with LPS.

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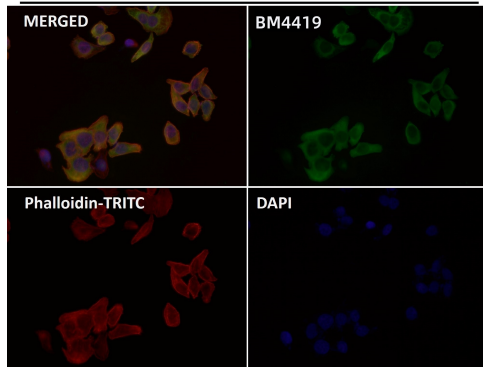
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Hela



Immunofluorescent analysis using the Antibody.