

Rabbit anti-COX2 antibody, clone SQab18107 (monoclonal)

Clone no. SQab18107

MONOSAN

Product name	Rabbit anti-COX2 antibody, clone SQab18107 (monoclonal)
Host	Rabbit
Applications	FC, ICC/IF, WB
Species reactivity	Human
Conjugate	-
Immunogen	Synthetic peptide corresponding to residues on the C-terminus of Human Cox2.
Isotype	-
Clonality	Monoclonal
Clone number	SQab18107
Size	100 ul
Concentration	n/a
Format	Purification with Protein A.
Storage buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Storage until expiry date	-20°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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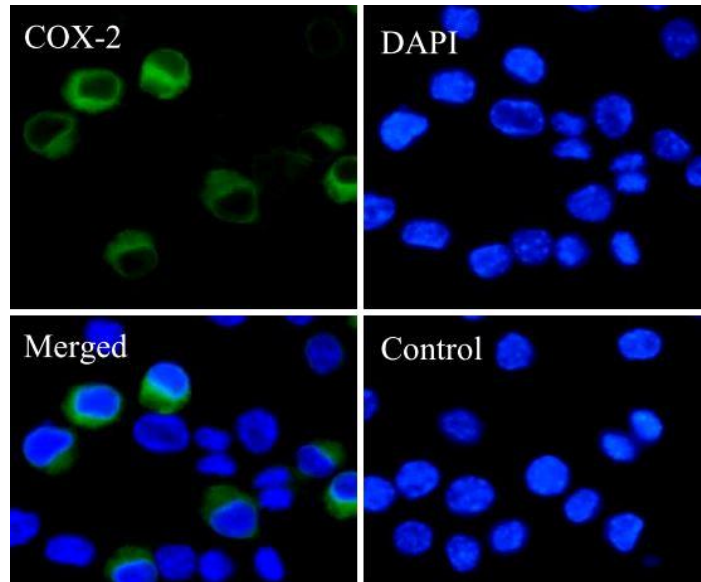
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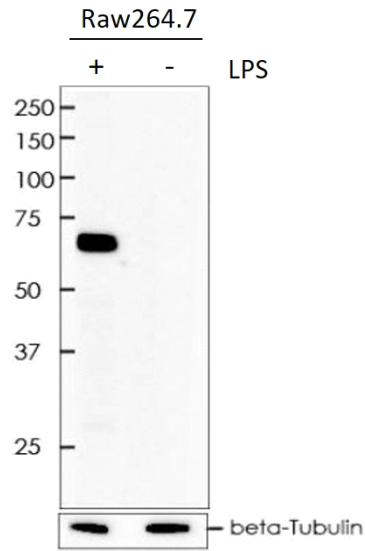
Additional info

Application note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. Storage instruction: For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. Background: COX2: Prostaglandin-endoperoxide synthase (PTGS), also known as cyclooxygenase, is the key enzyme in prostaglandin biosynthesis, and acts both as a dioxygenase and as a peroxidase. There are two isozymes of PTGS: a constitutive PTGS1 and an inducible PTGS2, which differ in their regulation of expression and tissue distribution. This gene encodes the inducible isozyme. It is regulated by specific stimulatory events, suggesting that it is responsible for the prostanoid biosynthesis involved in inflammation and mitogenesis. [provided by RefSeq, Feb 2009]

Images



Immunofluorescence: Raw264.7 Cells (treated with LPS) were fixed with 4% paraformaldehyde for 30 min at RT, permeabilized with 0.1% Triton X-100 for 10 min at RT then blocked with 10% goat serum for half an hour at room temperature. Samples were stained with anti-COX2



Western blot: 20 µg of Raw264.7 treated with LPS at 1 µg/ml for 6 hours (left) or untreated Raw264.7 (right). The blots were stained with anti-COX2 antibody [SQab18107] at 1:1000 dilution.

References

- 1. -
- 2. -
- 3. -
- 4. -
- 5. -

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