

## Product datasheet

# COX2 / Cyclooxygenase 2 overexpression 293T lysate (whole cell) ab94069

[2 Images](#)

### Overview

<b>Product name</b>	COX2 / Cyclooxygenase 2 overexpression 293T lysate (whole cell)
<b>General notes</b>	ab94069 is a 293T cell transfected lysate in which Human COX2 / Cyclooxygenase 2 has been transiently over-expressed using a pCMV-COX2 / Cyclooxygenase 2 plasmid. The lysate is provided in 1X Sample Buffer.
<b>Tested applications</b>	<b>Suitable for:</b> WB

### Properties

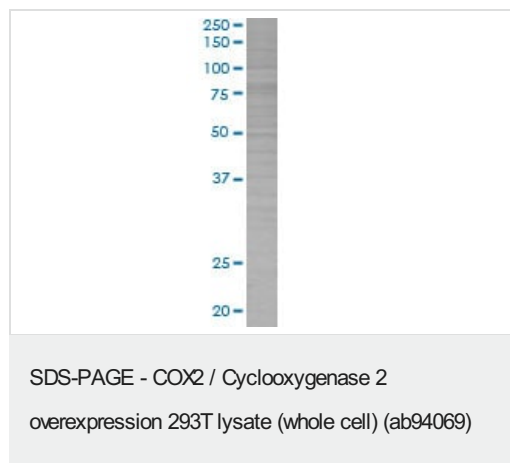
<b>Mycoplasma free</b>	Yes
<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
<b>Background</b>	Function: Mediates the formation of prostaglandins from arachidonate. May have a role as a major mediator of inflammation and/or a role for prostanoid signaling in activity-dependent plasticity. Pathway: Lipid metabolism; prostaglandin biosynthesis. Similarity: Belongs to the prostaglandin G/H synthase family. Contains 1 EGF-like domain. PTM: S-nitrosylation by NOS2 (iNOS) activates enzyme activity. S-nitrosylation may take place on different Cys residues in addition to Cys-561.

### Applications

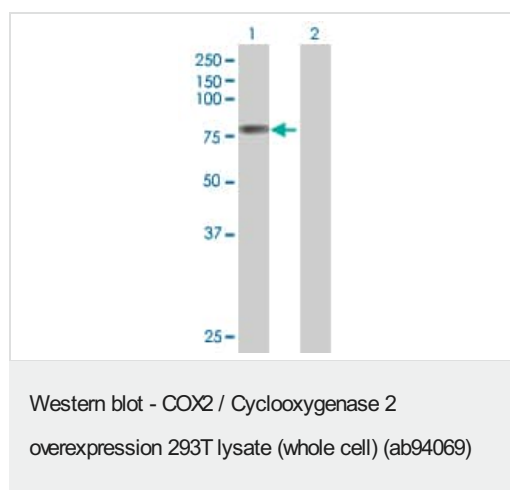
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab94069 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

## Images



ab94069 at 15µg/lane on an SDS-PAGE gel.



**All lanes :** Anti-COX2 / Cyclooxygenase 2 antibody (**ab88522**) at 1/500 dilution

**Lane 1 :** COX2 / Cyclooxygenase 2 overexpression 293T lysate (whole cell) (ab94069)

**Lane 2 :** 293T non-transfected lysate

Lysates/proteins at 25 µg per lane.

### Secondary

**All lanes :** Goat Anti-mouse IgG (H and L) HRP conjugated at 1/2500 dilution

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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