

Recombinant

DGRmAb®

## COX2 (DGR19645) Rabbit mAb

db14667

Package : 10µL 20µL 50µL 100µL

**Product Name :** COX2 (DGR19645) Rabbit mAb

**Cat.No.:** db14667

**Synonyms :** COX2; Cox-2; PES-2; PHS-2; Pghs2; TIS10; PGHS-2; PHS II; gripghs

**Application :** WB, ICC/IF, FC, IP

**Reactivity :** Mouse

**Host species :** Rabbit

### Background

This gene encodes an enzyme that is a member of the prostaglandin G/H synthase family. The encoded protein converts arachidonic acid to prostaglandin endoperoxide H<sub>2</sub> which is a key enzymatic step in prostaglandin biosynthesis. This gene is the inducible prostaglandin G/H synthase family member that is upregulated during inflammation. Aberrant regulation of this gene is associated with cancer progression in several tissues and an increased risk of cardiovascular events. This gene is the target of many non-steroidal anti-inflammatory drugs. [provided by RefSeq, Sep 2015]

### Immunogen

Recombinant protein of mouse COX2

### Gene ID

19225

### Swiss Prot

Q05769

### Synonyms

COX2; Cox-2; PES-2; PHS-2; Pghs2; TIS10; PGHS-2; PHS II; gripghs

### Reactivity

Mouse

### Application

WB, ICC/IF, FC, IP

### Recommended dilution

WB: 1:1000

ICC/IF: 1:100

FC: 1:200-1:500

IP: 1:20-1:50

### Calculated MW

69 kDa

### Observed MW

74 kDa

### Host species

Rabbit

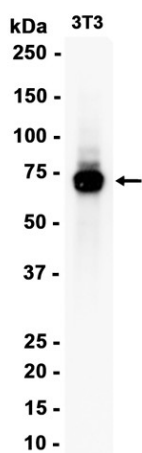
### Clonality

Monoclonal

### Clonality No.

DGR19645

<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from 3T3 cells using db14667 at 1:1000.