

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

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	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.