

Recombinant

DGRmAb®

COX2 (DGR14744) Rabbit mAb (PBS Only)

db15241-PBS

Package : 10µg 100µg

Product Name : COX2 (DGR14744) Rabbit mAb (PBS Only)**Cat.No.:** db15241-PBS**Synonyms** : COX2; COX-2; PHS-2; PGG/HS; PGHS-2; hCox-2; GRIPGHS**Application** : WB, IHC, ICC/IF, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

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]

Immunogen

A synthetic peptide of human COX2

Gene ID

5743

Swiss Prot

P35354

Synonyms

COX2; COX-2; PHS-2; PGG/HS; PGHS-2; hCox-2; GRIPGHS

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF, IP

Calculated MW

69 kDa

Observed MW

74 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR14744

Isotype

IgG

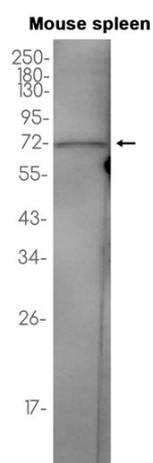
Purity

Affinity Purification

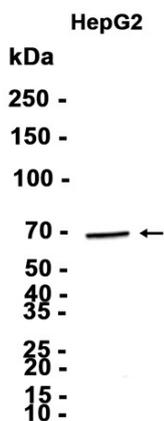
Conjugation

Un-conjugated

Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Mouse spleen tissue using [db15241](#) at 1:1000.



Western blot analysis of extracts from HepG2 cells using [db15241](#) at 1:1000.