

Recombinant

DGRmAb®

COX2 (DGR14744) Rabbit mAb

db15241

Package : 10µL 20µL 50µL 100µL

Product Name : COX2 (DGR14744) Rabbit mAb**Cat.No.:** db15241**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

Recommended dilution

WB: 1:1000

IHC: 1:100-1:1000

ICC/IF: 1:50-1:200

IP: 1:20-1:100

Calculated MW

69 kDa

Observed MW

74 kDa

Host species

Rabbit

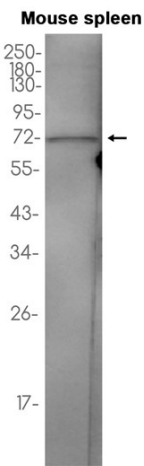
Clonality

Monoclonal

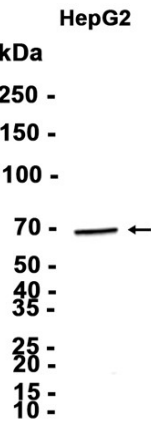
Clonality No.

DGR14744

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.



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.