







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

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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



For Research Use Only **Product Datasheet**

Isotype

lgG

Purity

Affinity Purification

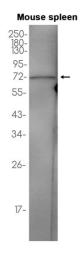
Conjugation

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.

HepG2

кDа

250 -

150 -

100 -

70 - — ← 50 -

40 -35 -

25 -20 -15 -10 - Western blot analysis of extracts from HepG2 cells using db15241 at 1:1000.