

Recombinant

DGRmAb®

Cyclooxygenase 1 (DGR13562) Rabbit mAb (PBS Only)

db12040-PBS

Package : 10µg 100µg

Product Name : Cyclooxygenase 1 (DGR13562) Rabbit mAb (PBS Only)**Cat.No.:** db12040-PBS**Synonyms** : COX1; COX3; PHS1; PCOX1; PES-1; PGHS1; PTGHS; PGG/HS; PGHS-1**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This is one of two genes encoding similar enzymes that catalyze the conversion of arachinodate to prostaglandin. The encoded protein regulates angiogenesis in endothelial cells, and is inhibited by nonsteroidal anti-inflammatory drugs such as aspirin. Based on its ability to function as both a cyclooxygenase and as a peroxidase, the encoded protein has been identified as a moonlighting protein. The protein may promote cell proliferation during tumor progression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

Immunogen

A synthetic peptide of human COX1/Cyclooxygenase 1

Gene ID

5742

Swiss Prot

P23219

Synonyms

COX1; COX3; PHS1; PCOX1; PES-1; PGHS1; PTGHS; PGG/HS; PGHS-1

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC, IP

Calculated MW

69 kDa

Observed MW

69 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR13562

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Concentration

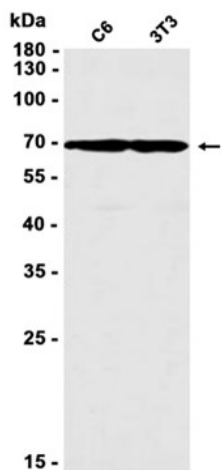
1 mg/mL

Formulation

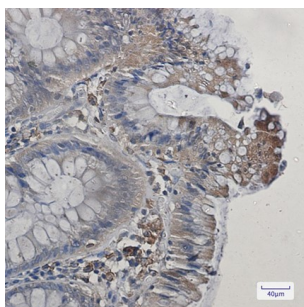
PBS Only

Storage Stability

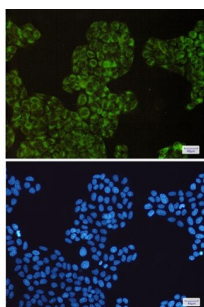
Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



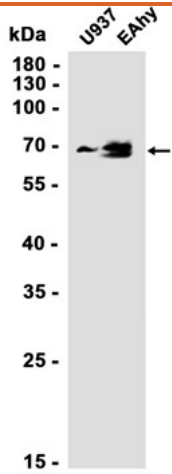
Western blot analysis of extracts from C6, 3T3 cells using [db12040](#) at 1:1000.



Immunohistochemical analysis of paraffin-embedded human colon cancer using [db12040](#) antibody.



Immunofluorescent analysis of HeLa cells using [db12040](#) antibody (green), and DAPI (blue).



Western blot analysis of extracts from U937, EAhy cells using db12040 at 1:1000.