

Rabbit Cyclooxygenase 2 Monoclonal Antibody | anti-PTGS2 antibody

Recombinant Cyclooxygenase 2 Monoclonal Antibody

CATALOG # AAA178792	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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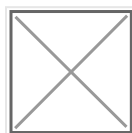
PRODUCT SYNONYMS

Cyclooxygenase 2; Monoclonal Antibody; Recombinant Cyclooxygenase 2 Monoclonal Antibody; COX 2; COX-2; COX2; Cyclooxygenase 2b; Cyclooxygenase; Cyclooxygenase-2; Cyclooxygenase2; EC 1.14.99.1; fj02a10; Glucocorticoid-regulated inflammatory cyclooxygenase; Glucocorticoid-regulated inflammatory Prostaglandin G/H synthase; GRIPGHS; hCox 2; Macrophage activation-associated marker protein P71/73; OTTHUMP00000033524; PES-2; PGG/HS; PGH synthase 2; PGH2; PGHS 2; PGHS-2; PGHS2; PHS 2; PHS II; PHS2; Prostaglandin endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase); Prostaglandin endoperoxide synthase 2; Prostaglandin G/H synthase 2; Prostaglandin G/H synthase 2 precursor; Prostaglandin G/H synthase and cyclooxygenase; Prostaglandin G/H synthase; Prostaglandin H2 synthase 2; prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase); Prostaglandin-endoperoxide synthase 2; PTGS2; ptgs2a; TIS10; TIS10 protein; unip1239; wu:fj02a10; anti-PTGS2 antibody

PRODUCT SPECIFICATIONS

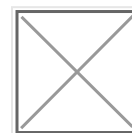
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R04-3I1
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-PTGS2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human COX2
Research Area	Cancer, Cardiovascular, Metabolism, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of COX2 in paraffin-embedded Human lung cancer tissue using COX2 Rabbit mAb at dilution 1:50



WB (Western Blot)

Western blot detection of COX-2/cyclooxygenase-2 in Rat Brain lysates using COX-2/cyclooxygenase-2 Rabbit mAb(1:500 diluted). Predicted band size:69kDa.Observed band size:69kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-PTGS2 antibody	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.
Product Categories/Family for anti-PTGS2 antibody	Antibodies; Primary Antibodies; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506265
NCBI GeneID	5743
NCBI Accession #	NP_000954.1
NCBI GenBank Nucleotide #	NM_000963.2
UniProt Accession #	P35354; Q16876; A8K802
Molecular Weight	68,996 Da
NCBI Official Full Name	prostaglandin G/H synthase 2
NCBI Official Synonym Full Names	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)
NCBI Official Symbol	PTGS2
NCBI Official Synonym Symbols	COX2; COX-2; PHS-2; PGG/HS; PGHS-2; hCox-2; GRIPGHS
NCBI Protein Information	prostaglandin G/H synthase 2; PHS II; PGH synthase 2; cyclooxygenase 2b; prostaglandin H2 synthase 2
UniProt Protein Name	Prostaglandin G/H synthase 2
UniProt Gene Name	PTGS2
UniProt Synonym Gene Names	COX2; COX-2; PGH synthase 2; PGHS-2
UniProt Entry Name	PGH2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cyclooxygenase-2-antibody-clone-r04-3i1-immunohistochemistry-western-blot-elisa/178792>