



COX-2 (ABT038) Mouse mAb

Catalog No	YP-Ab-15147
Isotype	IgG
Reactivity	Human
Applications	IHC,WB
Gene Name	PTGS2 COX2
Protein Name	COX 2;COX-2;COX2;Cyclooxygenase 2;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_HUMAN;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 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;unp1239;wu:fj02a10
Immunogen	Synthesized peptide derived from human COX-2
Specificity	The antibody can specifically recognize human COX-2 protein. In western blotting of Hela and A549 cell lysates, the antibody can label a 70 kDa band corresponding to COX-2.
Formulation	PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein
Source	Monoclonal Mouse IgG2b, kappa
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:200-400,WB: Use a concentration of 1 - 5 µg/ml
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	COX 2;COX-2;COX2;Cyclooxygenase 2;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_HUMAN;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;unp1239;wu:fj02a10

Observed Band**Cell Pathway**

Cytoplasmic

Tissue Specificity

Colon carcinoma

Function**Background****matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images