

Product Name: COX2 Rabbit Monoclonal Antibody**Catalog #: AMRe21544**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:100-1:500,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW:69kD;Observed MW:75kD

Antigen Information

Gene Name	PTGS2
Alternative Names	COX2
Gene ID	5743.0
SwissProt ID	P35354
Immunogen	A synthetic peptide of human COX2

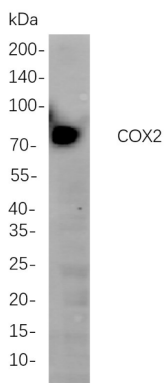
Background

Cell localization:Cytoplasm.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],

Research Area

Image Data



Western blot analysis of lysates from HeLa cells, using COX2 Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.