Recombinant Cyclooxygenase 2 Monoclonal Antibody

catalog number: **E-AB-81464**

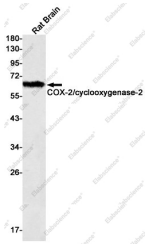
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human COX2
Host	Rabbit
Isotype	Rabbit IgG
Clone	C123250
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:50-1:100

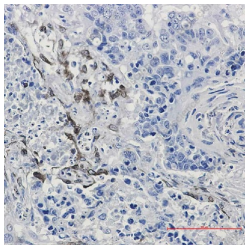
Data



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.

Observed-MW:69 kDa

Calculated-MW:69 kDa



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

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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.

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