

anti- COX2 antibody

Product Information

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|---------------|---|
| Catalog No.: | FNab01897 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Rabbit |
| Clonality: | polyclonal |
| Clone ID: | None |
| IsoType: | IgG |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

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. It is regulated by specific stimulatory events, suggesting that it is responsible for the prostanoid biosynthesis involved in inflammation and mitogenesis.

Immunogen information

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|--------------|---|
| Immunogen: | prostaglandin-endoperoxide synthase 2(prostaglandin G/H synthase and cyclooxygenase) |
| Synonyms: | COX 2, COX2, Cyclooxygenase 2, GRIPGHS, hCox 2, PGG/HS, PGH synthase 2, PGHS 2, PHS 2, PHS II, Prostaglandin G/H synthase 2, Prostaglandin H2 synthase 2, PTGS2 |
| Observed MW: | 64 kDa |
| UniprotID : | P35354 |

Application

1

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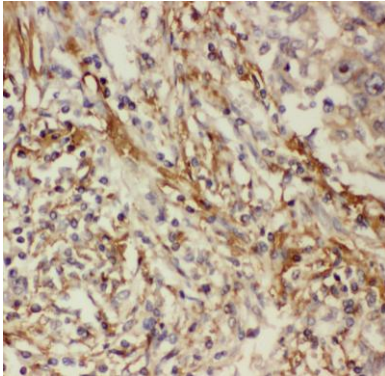
Fax: (0086)027-87800889 www.fn-test.com

Reactivity: Human, Mouse, Rat

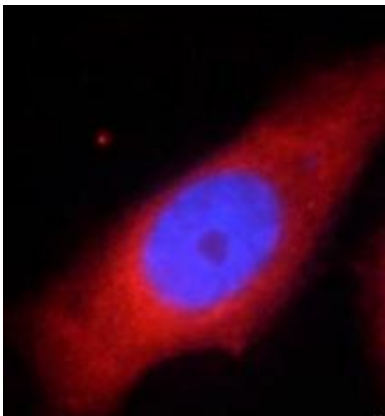
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500-1:1000; IHC: 1:100-1:400; IF: 1:10-1:100

Image:



Immunohistochemistry of paraffin-embedded human lung cancer tissue slide using FNab01897(COX2/ Cyclooxygenase 2 Antibody) at dilution of 1:200



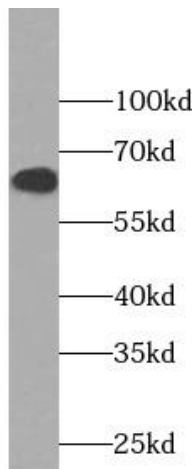
Immunofluorescent analysis of HepG2 cells using FNab01897(COX2/ Cyclooxygenase 2 Antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG

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HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab01897(PTGS2 antibody) at dilution of 1:600

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