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Datasheet

PTGS2 FISH Probe

Catalog Number: FA0055

Regulatory Status: For research use only (RUO)

Product Description: Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology).

Regulation Status: For research use only (RUO)

Source: Genomic DNA

Origin: Human

Notice: We **strongly recommend** the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.

Applications: FISH-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Supplied Product: DAPI Counterstain (1500 ng/mL) 250 uL

Storage Instruction: Store at 4°C in the dark.

Entrez GeneID: 5743

Gene Symbol: PTGS2

Gene Alias: COX-2, COX2, GRIPGHS, PGG/HS, PGHS-2, PHS-2, hCox-2

Gene Summary: 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]