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## 44-1138: Anti-COX-2 Monoclonal Antibody (Clone:IHC550)-Ready to Use(Discontinued)

Clonality: Monoclonal **Clone Name:** IHC550 **Application:** IHC Reactivity: Human Gene: PTGS2 Gene ID: 5743 **Uniprot ID:** P35354 Format: Predilute

Alternative Name: COX-2, PHS-2, PGG/HS, PGHS-2, hCox-2, PHS II, Prostaglandin H2 synthase 2, PGH synthase 2,

Prostaglandin-endoperoxide synthase 2, Cyclooxygenase-2

## **Description**

COX-2, also known as cyclooxygenase 2, catalyzes the conversion of arachidonic acid to prostaglandin H2. The inhibition of COX-2 using non-steroidal anti-inflammatory agents limits angiogenesis and tumor growth, and increases apoptosis. The overexpression of COX-2 is linked to increased microvascular density.

## **Product Info**

Amount: 7 ml

**Purification:** Protein A/G Chromatography

**Storage condition :** Store at 2°C - 8°C.

## **Application Note**

This product is available in ready to use format, hence no dilution is required.

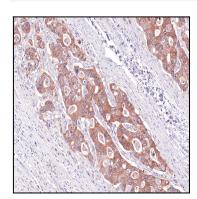


Figure 1: Immunohistochemical analysis of COX-2 (IHC550) on Colon Cancer