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44-1137: Anti-COX-2 Monoclonal Antibody (Clone:IHC550)(Discontinued)

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

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: 0.1 ml / 1 ml

Purification: Protein A/G Chromatography

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

Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

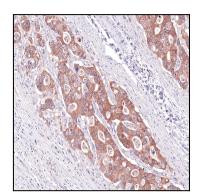


Figure 1: Immunohistochemical analysis of COX-2 (IHC550) on Colon Cancer