

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.

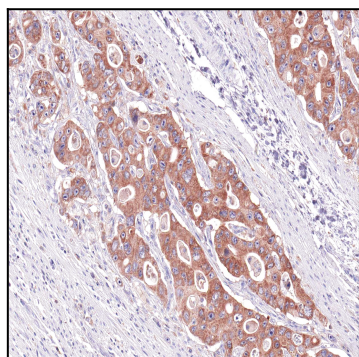


Figure 1: Immunohistochemical analysis of COX-2 (IHC550) on Colon Cancer