

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	IHC550
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	PTGS2
<b>Gene ID :</b>	5743
<b>Uniprot ID :</b>	P35354
<b>Format :</b>	Purified
<b>Alternative Name :</b>	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

<b>Amount :</b>	0.1 ml / 1 ml
<b>Purification :</b>	Protein A/G Chromatography
<b>Storage condition :</b>	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.

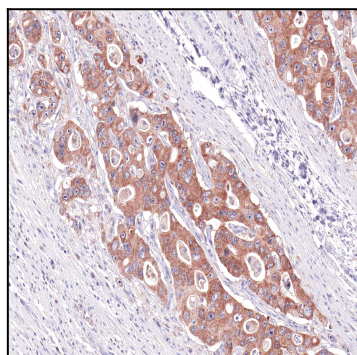


Figure 1: Immunohistochemical analysis of COX-2 (IHC550) on Colon Cancer