

Anti-PTGS2 antibody (500-604 aa) [ABT-COX2] (STJ197010)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	IHC/WB
Host / Source	Mouse
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

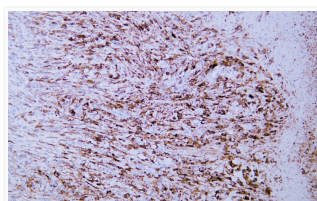
Clonality	Monoclonal
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution Range	WB 500-2000 IHC-P 1:100-500
Formulation	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG2bk
Molecular Weight	Calculated: 69kD Observed: 70kD
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

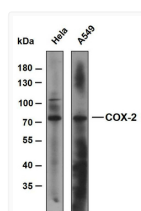
Gene ID	5743
Gene Symbol	PTGS2
UniProt ID	PGH2_HUMAN
Immunogen Region	500-604 aa
Specificity	This antibody detects endogenous levels of human Prostaglandin G/H synthase 2 (EC 1.14.99.1) (Cyclooxygenase-2) (COX-2) (PHS II) (Prostaglandin H2 synthase 2) (PGH synthase 2) (PGHS-2) (Prostaglandin-

ADDITIONAL INFORMATION

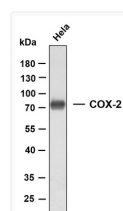
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Human colon carcinoma tissue was stained with Anti-COX-2 (ABT-COX2) Antibody



Various whole cell lysates were separated by 8% SDS-PAGE, and the membrane was blotted with anti-COX-2. The HRP-conjugated anti-mouse IgG antibody was used to detect the antibody. Predicted band size: 70 kDa



Whole cell lysates of HeLa were separated by 10% SDS-PAGE, and the membrane was blotted with anti-COX-2 antibody. The HRP-conjugated anti-mouse IgG antibody was used to detect the antibody. Predicted band size: 70 kDa