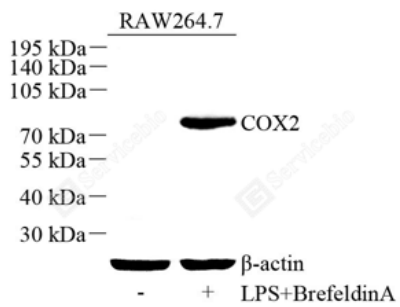
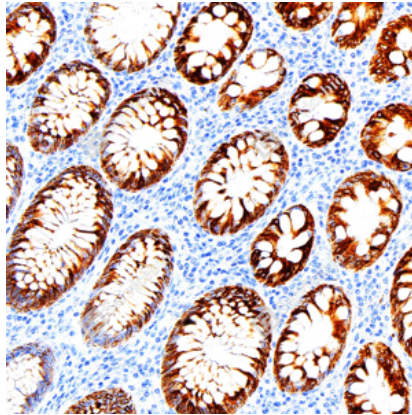
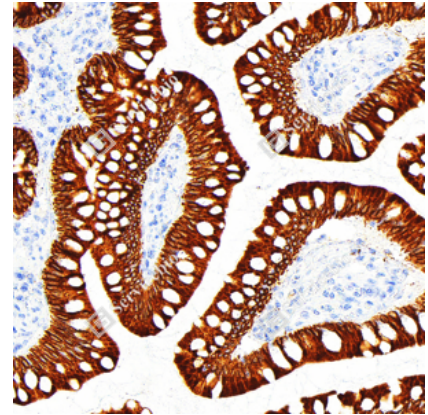

Product name:	Recombinant Anti-COX2/Cyclooxygenase 2 antibody (Rabbit mAb)
Cat number:	ABS155672
Conjugate:	unconjugated
Size:	100 µL
Clone:	2COX
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG, κ
Immunogen:	Recombinant protein corresponding to Human COX2
Reactivity:	Human, Mouse, Rat
Applications:	WB 1: 500-1: 1500 IHC/IF 1: 100-1: 300
Molecular Weight:	74 kDA
Purification:	Affinity purification
Form:	Liquid
Buffer:	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.
Storage:	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	Prostaglandin-endoperoxide synthase (PTGS), also known as cyclooxygenase, is the key enzyme in prostaglandin biosynthesis, and acts both as a dioxygenase and as a peroxidase. There are two isozymes of PTGS: a constitutive PTGS1 and an inducible PTGS2, which differ in their regulation of expression and tissue distribution. This gene encodes the inducible isozyme. It is regulated by specific stimulatory events, suggesting that it is responsible for the prostanoid biosynthesis involved in inflammation and mitogenesis.



WB analysis of COX2/Cyclooxygenase 2. Sample: Protein treated by RIPA Lysis Buffer . Blocking buffer: 3% Nonfat dry milk in TBST, RT, 1h. Primary antibody: 1: 500, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG , 1: 3000, RT, 1h.



IHC analysis of COX2/Cyclooxygenase 2. Sample: Human colon, 4% PFA 12-24h. Antigen retrieval: TE buffer , pressure cooker 2 min. Primary antibody: 1: 200, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Rabbit IgG , Ready to use, RT, 20min.



IHC analysis of COX2/Cyclooxygenase 2. Sample: Human colon, 4% PFA 12-24h. Antigen retrieval: TE buffer , pressure cooker 2 min. Primary antibody: 1: 200, 4°C overnight. Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Rabbit IgG , Ready to use, RT, 20min.