

Product datasheet for **DP111-05**

Ptgs2 Rabbit Polyclonal Antibody

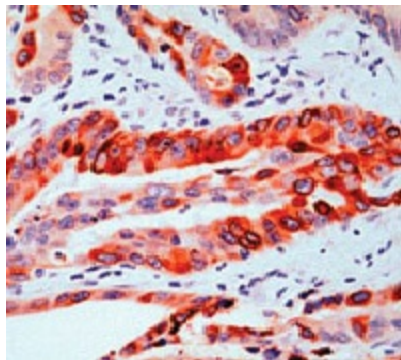
Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on paraffin embedded sections: 1:50-1:100 in an ABC method (30 minutes at room temperature). High temperature antigen retrieval with 10 mM citrate buffer, pH 6.0 required. Recommended Positive Control: Lung and colon carcinoma.
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Recombinant protein corresponding to c-terminus of rat COX2.
Specificity:	This antibody reacts with a 70 kD protein. Cellular Localization: Cytoplasmic, membrane
Formulation:	10 mM citrate buffer, pH 6.0 containing sodium azide as preservative. State: Purified State: Liquid purified Ig fraction.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	prostaglandin-endoperoxide synthase 2
Database Link:	Entrez Gene 19225 Mouse Q05769
Background:	COX2 (Cyclooxygenase-2) is an inducible enzyme. It is involved in the response of cells to growth factors, tumor promoters and cytokines that induce its expression. COX2 expression markedly increased in 85-90% of human colorectal adenocarcinoma whereas COX1 levels remain unchanged.
Synonyms:	Cyclooxygenase-2, PTGS2, COX2, PHS II, PGH synthase 2, PGHS-2, PGHS2



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Product images:



Formalin fixed paraffin embedded human colon carcinoma stained with COX2 antibody, DP111