

Product Specification Sheet

Rabbit anti-Human COX-2 IgG
Product Number: PG 46
Aliquot: 100 µg
Lot Number: pg46.080220
Storage: -20°C

DESCRIPTION:	This rabbit polyclonal antibody is specific for human Prostaglandin H Synthase-2 (PGHS-2; COX-2) and does not cross-react with Prostaglandin H Synthase-1.
MOLECULAR WEIGHT:	72 kDa
CONCENTRATION:	2.23 mg/mL
PURIFICATION:	Ammonium Sulfate Fractionation
STORAGE BUFFER:	50% Glycerol in PBS
STORAGE:	-20°C. AVOID REPEATED FREEZE THAWS.
IMMUNOGEN:	A proprietary peptide sequence corresponding to the C-terminus of PGHS-2.
APPLICATIONS:	Recommended starting dilutions: Western 1:15,000; IHC 1:500
SPECIES SPECIFICITY:	This antibody is reactive in most mammalian species including, human, mouse, rat, ovine, and bovine.

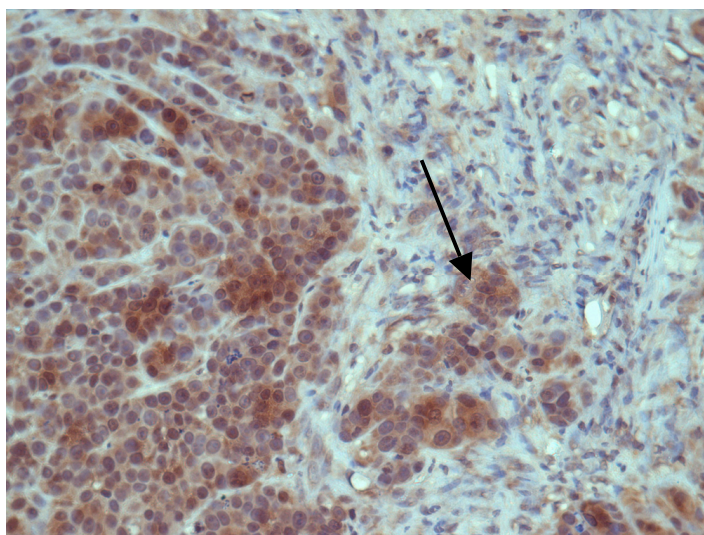


Figure 1: Sheets of pancreatic neoplastic cells with large hyperchromatic and pleomorphic nuclei and moderate amount of cytoplasm with high mitotic rate, showing diffuse cytoplasmic staining with antibody (HIER). The negative control is clean and free of background staining, however normal pancreatic acinar cells showed some staining. The arrow points out COX-2 staining in the tissue.

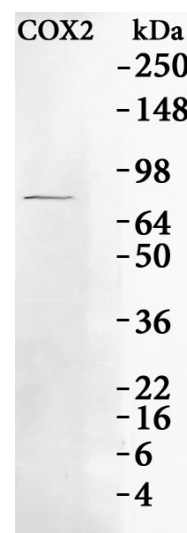


Figure 2: Western Blot of PG 46 at a 1:15,000 dilution.