

Anti-COX2/PTGS2 antibody (C-Term) (STJ73734)

STJ73734

GENERAL INFORMATION

Product Type	Primary antibodies
Short Description	Goat polyclonal antibody anti-COX2/PTGS2 (C-Term) is suitable for use in ELISA, Western Blot, Immunofluorescence and Flow Cytometry research applications.
Applications	Pep-ELISA/WB/IF/FC
Host/Source	Goat
Reactivity	Human/Dog/Pig/Cow

PRODUCT PROPERTIES

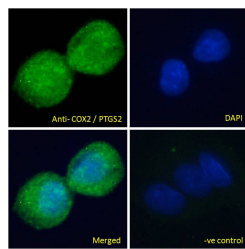
Clonality	Polyclonal
Clone ID	
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:32000. WB: Approx 75-80kDa band observed in lysates of cell lines A549 and Daudi (predicted MW of 69kDa according to NP_000954.1). This molecular weight is routinely observed by other sources. Re
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

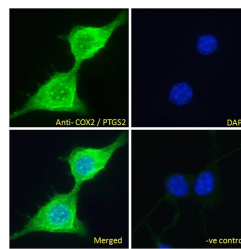
Gene ID	5743
Gene Symbol	PTGS2
Uniprot ID	PGH2_HUMAN
Immunogen	
Immunogen Region	C-Term
Specificity	
Immunogen Sequence	NPTVLLKERSTEL



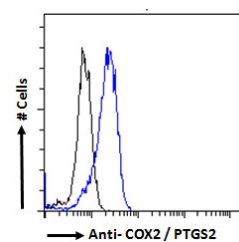
STJ73734 (0.1 µg/ml) staining of A549 (A) and Daudi (B) cell lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



STJ73734 Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing cytoplasmic/vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).



STJ73734 Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing cytoplasm and vesicle staining. The nuclear stain is DAPI (blue). NA NA NA Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).



STJ73734 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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