

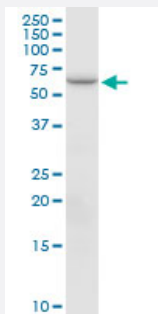
MaxPab®

PTGS2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005743-B01P

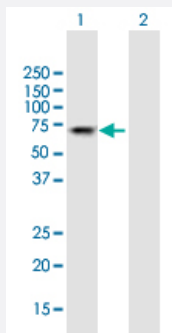
Size 50 ug

Applications



Western Blot (Cell lysate)

PTGS2 MaxPab polyclonal antibody. Western Blot analysis of PTGS2 expression in Jurkat.

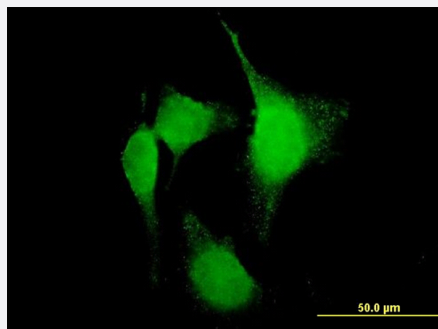


Western Blot (Transfected lysate)

Western Blot analysis of PTGS2 expression in transfected 293T cell line ([H00005743-T01](#)) by PTGS2 MaxPab polyclonal antibody.

Lane 1: PTGS2 transfected lysate(66.44 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PTGS2 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PTGS2 protein.

Immunogen	PTGS2 (NP_000954.1, 1 a.a. ~ 604 a.a) full-length human protein.
Sequence	MLARALLLCAVLALSHTANPCCSHPCQNRGVCMSVGFDQYKDCDCTRTGFYGENCSTPEFLTRIK LFLKPTPNTVHYILTHFKGFWNVVNNIPFLRNAIMSYVLTSRSHLIDSPPTYNADYGYKSWEAFSNLS YYTRALPPVPDDCPTPLGVKGKKQLPDSNEMEKLLLRKFIPDPQGSNMMFAFFAQHFTHQFFK TDHKRGPAFTNGLGHGVDLNHIYGETLARQRKLRLFKDGKMKYQIIDGEMYPPTVKDTQAEMIPP QVPEHLRFVAGQEVFGLVPGLMMYATWLREHNRVCDVLKQEHPEWGDQLFQTSRLILIGETIKI VIEDYVQHLSGYHFKLKFDPELLFNKQFQYQNRIAAEFNTLYHWHPLLPTDFQIHDQKYNYYQQFYN NSILLEHGITQFVESFTRQIAGRVAGGRNVPPAVQKVSQASIDQSRQMKYQSFNEYRKRFMLKPYE SFEELTGEKEMSAELEALYGDIDAVELYPALLVEKPRPDAIFGETMVEVGAPFSLKGLMGNVICSP AYWKPSTFGGEVGFQIINTASISLICNNVKGCPFTSFVSPDELIKTVTINASSSRSGLDDINPTVLL KERSTEL
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

PTGS2 MaxPab polyclonal antibody. Western Blot analysis of PTGS2 expression in Jurkat.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PTGS2 expression in transfected 293T cell line ([H00005743-T01](#)) by PTGS2 MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to PTGS2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — PTGS2

Entrez GeneID

[5743](#)

GeneBank Accession#	NM_000963.1
Protein Accession#	NP_000954.1
Gene Name	PTGS2
Gene Alias	COX-2, COX2, GRIPGHS, PGG/HS, PGHS-2, PHS-2, hCox-2
Gene Description	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)
Omim ID	600262
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000033524 cyclooxygenase 2b prostaglandin G/H synthase and cyclooxygenase prostaglandin-endoperoxide synthase 2

Pathway

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- [Pathways in cancer](#)
- [Small cell lung cancer](#)
- [VEGF signaling pathway](#)

Disease

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- [Acute-Phase Reaction](#)
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- [Adenoma](#)
- [Adenomatous Polyposis Coli](#)

- [Adenomatous Polyps](#)
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