

产品名称: PTGS2 Mouse Monoclonal Antibody
产品货号: AMM86121



产品概述 (Summary)

产品名称 (Production Name)	PTGS2 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PTGS2 Prostaglandin G/H synthase 2, 1.14.99.1, Cyclooxygenase-2, COX-2, PHS II,
别名 (Alternative Names)	Prostaglandin H2 synthase 2, PGH synthase 2, PGHS-2, Prostaglandin-endoperoxide synthase 2, PTGS2, COX2
基因 ID (Gene ID)	5743.0
蛋白 ID (SwissProt ID)	P35354. This PTGS2 antibody is generated from a mouse immunized with a recombinant protein from the human region of human PTGS2.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:2000
蛋白分子量 (Molecular Weight)	69.0kDa

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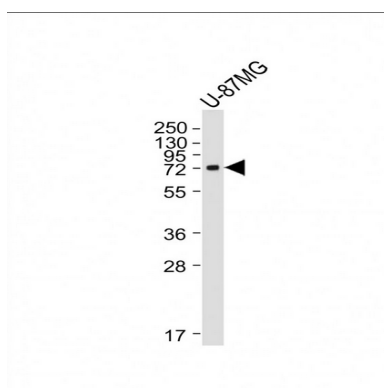


研究背景 (Background)

Converts arachidonate to prostaglandin H₂ (PGH₂), a committed step in prostanoid synthesis. Constitutively expressed in some tissues in physiological conditions, such as the endothelium, kidney and brain, and in pathological conditions, such as in cancer. PTGS2 is responsible for production of inflammatory prostaglandins. Up-regulation of PTGS2 is also associated with increased cell adhesion, phenotypic changes, resistance to apoptosis and tumor angiogenesis. In cancer cells, PTGS2 is a key step in the production of prostaglandin E₂ (PGE₂), which plays important roles in modulating motility, proliferation and resistance to apoptosis.

研究领域 (Research Area)

图片 (Image Data)



Anti-PTGS2 Antibody at 1:2000 dilution + U-87MG whole cell lysate

注意事项 (Note)

For research use only .