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PTGER2 Antibody

Rabbit mAb
Catalog # AP91352

Product Information

Application	WB, IHC, IF, FC, ICC, IHF
Primary Accession	P43116
Reactivity	Rat, Human, Mouse, Bovine
Clonality	Monoclonal
Other Names	EP2; PGE2 receptor EP2 subtype; Prostaglandin E receptor 2 subtype EP2 53kDa; Prostaglandin E2 receptor EP2 subtype; Prostanoid EP2 receptor; Ptger2;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	39761

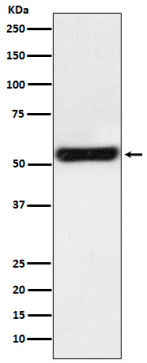
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:100~1:500 ICC/IF 1:50~1:200 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PTGER2
Description	Receptor for prostaglandin E2 (PGE2). The activity of this receptor is mediated by G(s) proteins that stimulate adenylate cyclase. The subsequent raise in intracellular cAMP is responsible for the relaxing effect of this receptor on smooth muscle.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	PTGER2
Function	Receptor for prostaglandin E2 (PGE2). The activity of this receptor is mediated by G(s) proteins that stimulate adenylate cyclase. The subsequent raise in intracellular cAMP is responsible for the relaxing effect of this receptor on smooth muscle.
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	Placenta and lung.

Images



Western blot analysis of PTGER2 expression in JAR cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.