

Anti-PTGER2 Monoclonal Antibody

Catalog # ABO14390

Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	P43116
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-PTGER2 Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	5732
Other Names	Prostaglandin E2 receptor EP2 subtype, PGE receptor EP2 subtype, PGE2 receptor EP2 subtype, Prostanoid EP2 receptor, PTGER2
Calculated MW	39761
Application Details	WB 1:500-1:2000 IHC 1:100-1:500 ICC/IF 1:50-1:200 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: ACOC-16
Immunogen	A synthesized peptide derived from human PTGER2
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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.

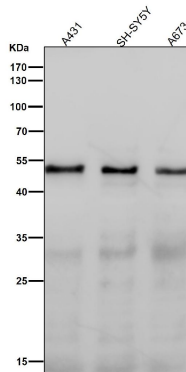
Cellular Location

Cell membrane; Multi-pass membrane protein.

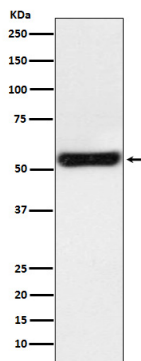
Tissue Location

Placenta and lung.

Images



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



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'.