

Anti-PTGER2 Monoclonal Antibody
Catalog # ABO14390**Specification**

Anti-PTGER2 Monoclonal Antibody - 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.

Anti-PTGER2 Monoclonal Antibody - Additional Information

Gene ID 5732

Other Names

Prostaglandin E2 receptor EP2 subtype, PGE receptor EP2 subtype, PGE2 receptor EP2 subtype, Prostanoid EP2 receptor, PTGER2

Application Details

WB 1:500-1:2000
IHC 1:100-1:500
ICC/IF 1:50-1:200
FC 1:50

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.

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.

Anti-PTGER2 Monoclonal Antibody - 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.

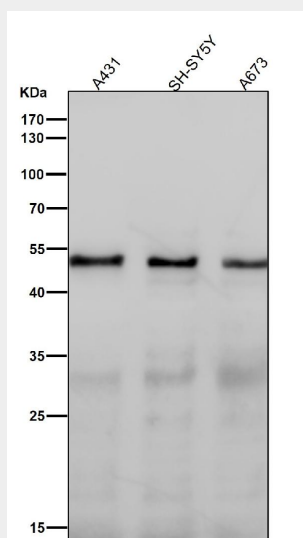
Tissue Location

Placenta and lung.

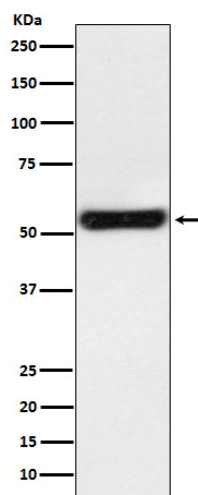
Anti-PTGER2 Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-PTGER2 Monoclonal Antibody - 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.