10320 Camino Santa Fe, Suite G
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PTGER2 / EP2 Antibody (Extracellular Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10225

Specification

PTGER2 / EP2 Antibody (Extracellular Domain) - Product Information

Application	**IHC**
Primary Accession	P43116
Reactivity	**Human, Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**40kDa KDa**

PTGER2 / EP2 Antibody (Extracellular Domain) - Additional Information

Gene ID 5732

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

Target/Specificity
Human EP2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
PTGER2 / EP2 Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

PTGER2 / EP2 Antibody (Extracellular Domain) - 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.

Volume

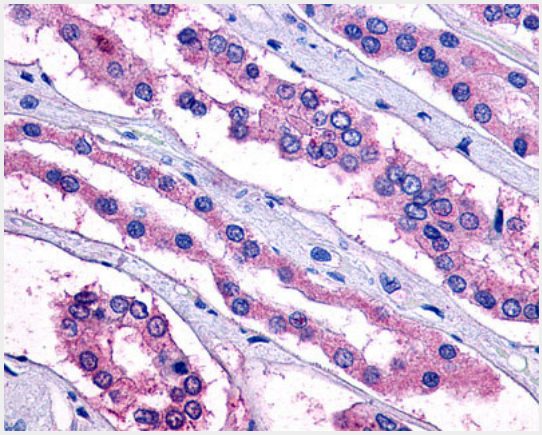
50 µl

PTGER2 / EP2 Antibody (Extracellular Domain) - Protocols

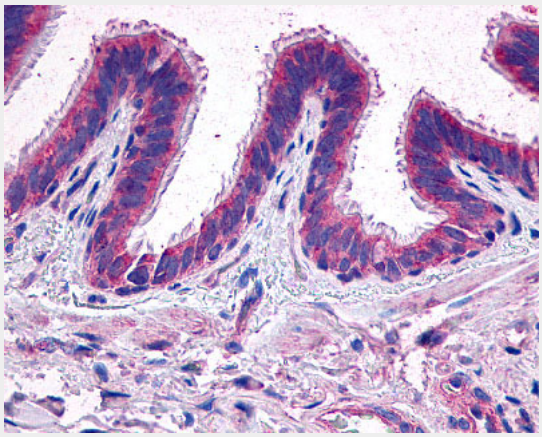
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PTGER2 / EP2 Antibody (Extracellular Domain) - Images



Anti-PTGER2 / EP2 antibody IHC of human kidney.



Anti-EP2 antibody ALS10225 IHC of human lung.

PTGER2 / EP2 Antibody (Extracellular Domain) - Background

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.

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PTGER2 / EP2 Antibody (Extracellular Domain) - References

Regan J.W.,et al.Mol. Pharmacol. 46:213-220(1994).
Oakley C.J.,et al.Submitted (JAN-1995) to the EMBL/GenBank/DDBJ databases.
Smock S.L.,et al.Gene 237:393-402(1999).
Warren C.N.,et al.Submitted (APR-2003) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.