# **PTGDR2 Polyclonal Antibody**

Catalog Number: E-AB-18034



Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

**Reactivity** Human, Mouse, Rat

**Immunogen** Synthetic peptide of human PTGDR2

Host Rabbit
Isotype IgG

**Purification** Antigen affinity purification

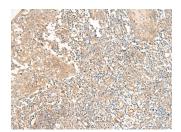
Conjugation Unconjugated

**Formulation** PBS with 0.05% NaN3 and 40% Glycerol,pH7.4

Applications Recommended Dilution

IHC 1:30-1:150 ELISA 1:5000-1:10000

#### Data



Immunohistochemistry of paraffin-embedded Human tonsil tissue using PTGDR2 Polyclonal Antibody at dilution of 1:30(×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using PTGDR2 Polyclonal Antibody at dilution of 1:30(×200)

# Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## **Background**

This gene encodes a G-protein-coupled receptor that is preferentially expressed in CD4+ effector T helper 2 (Th2) cells. This protein is a prostaglandin D2 receptor that mediates the pro-inflammatory chemotaxis of eosinophils, basophils, and Th2 lymphocytes generated during allergic inflammation. Single nucleotide polymorphisms in the 3' UTR of this gene have been associated with asthma susceptibility.PTGDR2 (Prostaglandin D2 Receptor 2) is a Protein Coding gene. Diseases associated with PTGDR2 include Folliculitis and Eosinophilic Pustular Folliculitis. Among its related pathways are Peptide ligand-binding receptors and Ibuprofen Pathway, Pharmacodynamics. GO annotations related to this gene include G-protein coupled receptor activity and prostaglandin F receptor activity. An important paralog of this gene is FPR3.

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Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

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