

PTGDR2 Polyclonal Antibody

catalog number: E-AB-18034

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

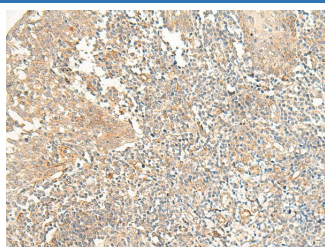
Description

Reactivity	Human;Mouse;Rat
Immunogen	Synthetic peptide of human PTGDR2
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

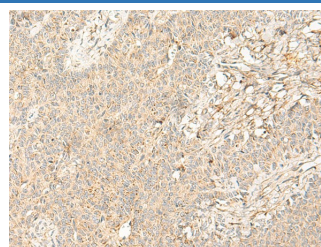
Applications

Applications	Recommended Dilution
IHC	1:30-1:150

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 Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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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