

PTGDR2 RABBIT PAB

Cat.#: S222120

Product Name: Anti-PTGDR2 Rabbit Polyclonal Antibody

Synonyms: DP2; DLIR; CD294; CRTH2; GPR44

UNIPROT ID: Q9Y5Y4 (Gene Accession - NP_004769)

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.

Immunogen: Synthetic peptide of human PTGDR2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 20-100;WB: 200-1000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

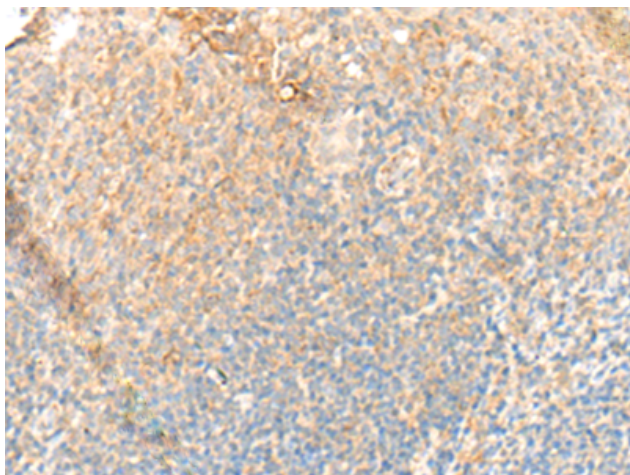
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

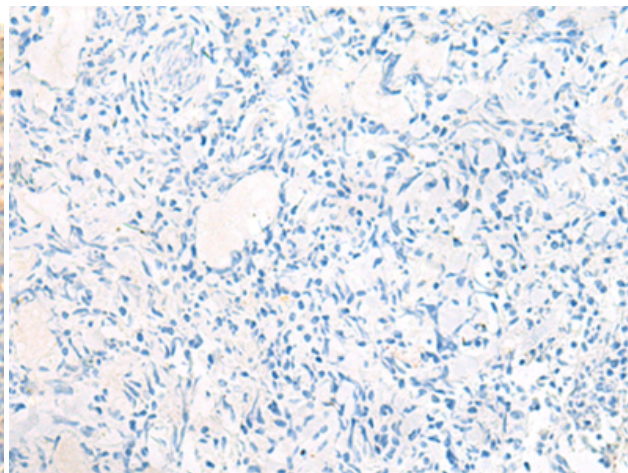
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction

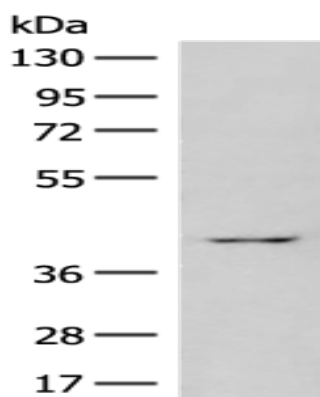
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 222120 (PTGDR2 Antibody) at a dilution of 1/35 (Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 222120 (Anti-PTGDR2 Antibody) at dilution 1/35.



Gel: 8% SDS-PAGE, Lysate: 40 μ g;
Lane: Human heart tissue lysate;
Primary antibody: 222120 (PTGDR2 Antibody) at dilution 1/400;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 30 seconds