

## REG1B RABBIT PAB

**Cat.#:** S219068

**Product Name:** Anti-REG1B Rabbit Polyclonal Antibody

**Synonyms:** REGH; REGL; PSPS2; REGI-BETA

**UNIPROT ID:** P48304 (Gene Accession - BC027895 )

**Background:** This gene is a type I subclass member of the Reg gene family. The Reg gene family is a multigene family grouped into four subclasses, types I, II, III and IV based on the primary structures of the encoded proteins. This gene encodes a protein secreted by the exocrine pancreas that is highly similar to the REG1A protein. The related REG1A protein is associated with islet cell regeneration and diabetogenesis, and may be involved in pancreatic lithogenesis. Reg family members REG1A, REGL, PAP and this gene are tandemly clustered on chromosome 2p12 and may have arisen from the same ancestral gene by gene duplication.

**Immunogen:** Fusion protein of human REG1B

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-300;WB: 1000-5000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

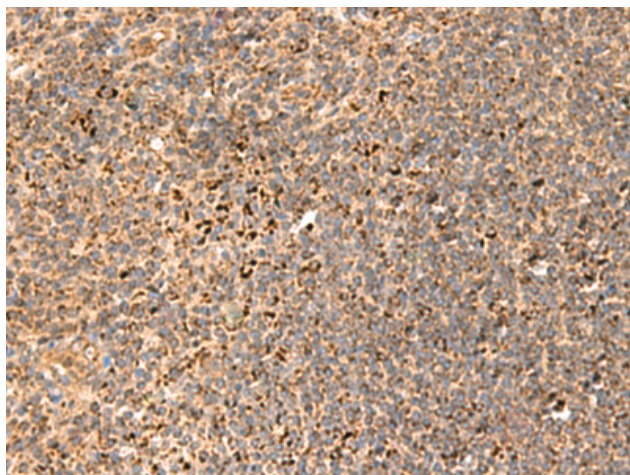
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

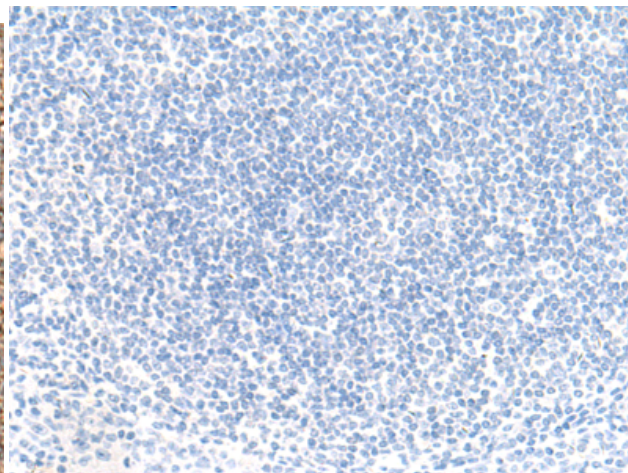
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Cell Biology

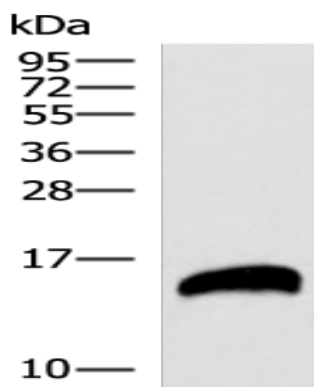
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 219068 (REG1B Antibody) at a dilution of 1/55 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 219068 (Anti-REG1B Antibody) at dilution 1/55.



Gel: 12% SDS-PAGE, Lysate: 40  $\mu$ g;  
Lane: Human pancreas tissues lysate;  
Primary antibody: 219068 (REG1B Antibody) at dilution 1/800;  
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
Exposure time: 20 seconds