

## TYK2 RABBIT PAB

**Cat.#:** S217965

**Product Name:** Anti-TYK2 Rabbit Polyclonal Antibody

**Synonyms:** JTK1; IMD35

**UNIPROT ID:** P29597 (Gene Accession - BC014243 )

**Background:** This gene encodes a member of the tyrosine kinase and, more specifically, the Janus kinases (JAKs) protein families. This protein associates with the cytoplasmic domain of type I and type II cytokine receptors and promulgate cytokine signals by phosphorylating receptor subunits. It is also component of both the type I and type III interferon signaling pathways. As such, it may play a role in anti-viral immunity. A mutation in this gene has been associated with hyperimmunoglobulin E syndrome (HIES) - a primary immunodeficiency characterized by elevated serum immunoglobulin E.

**Immunogen:** Fusion protein of human TYK2

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 150-300; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

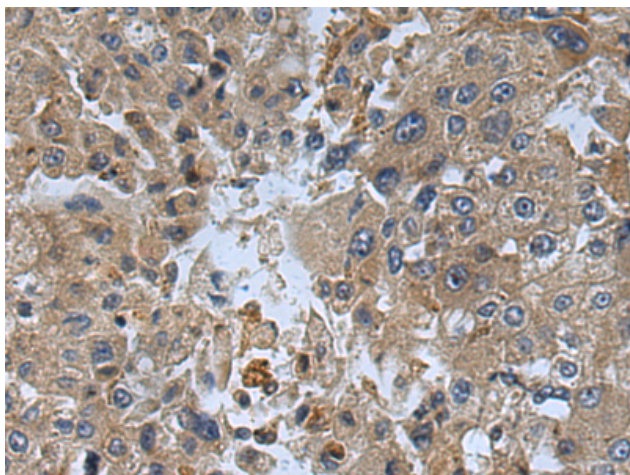
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

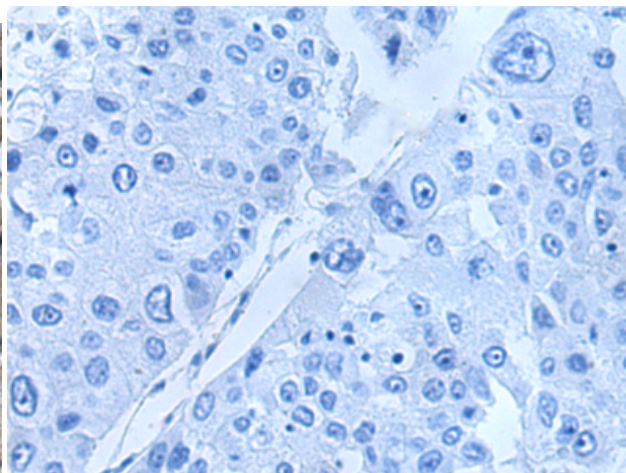
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

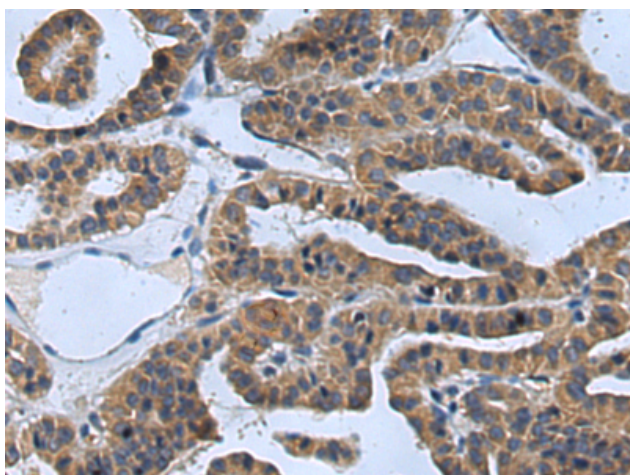
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



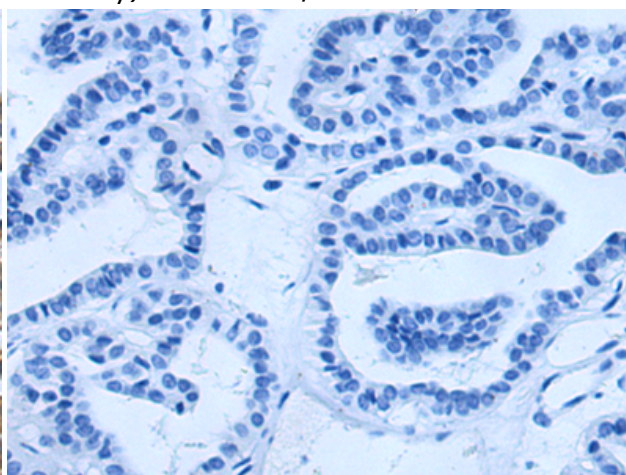
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 217965(TYK2 Antibody) at a dilution of 1/130(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 217965(Anti-TYK2 Antibody) at dilution 1/130.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 217965(Anti-TYK2 Antibody) at a dilution of 1/130.



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with fusion protein and then with D223461(Anti-TYK2 Antibody) at dilution 1/130.