

## PLK3 RABBIT PAB

**Cat.#:** S217126

**Product Name:** Anti-PLK3 Rabbit Polyclonal Antibody

**Synonyms:** CNK; FNK; PRK

**UNIPROT ID:** Q9H4B4 (Gene Accession - BC013899 )

**Background:** Cytokine-inducible kinase is a putative serine/threonine kinase. CNK contains both a catalytic domain and a putative regulatory domain. It may play a role in regulation of cell cycle progression and tumorigenesis. Serine/threonine-protein kinase involved in cell cycle regulation, response to stress and Golgi disassembly. Polo-like kinases act by binding and phosphorylating proteins that already phosphorylated on a specific motif recognized by the POLO box domains. Phosphorylates ATF2, BCL2L1, CDC25A, CDC25C, CHEK2, HIF1A, JUN, p53/TP53, p73/TP73, PTEN, TOP2A and VRK1.

**Immunogen:** Fusion protein of human PLK3

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-200; ELISA: 1000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

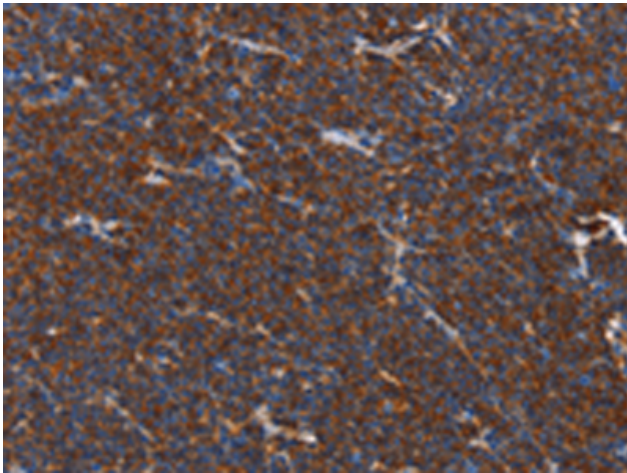
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

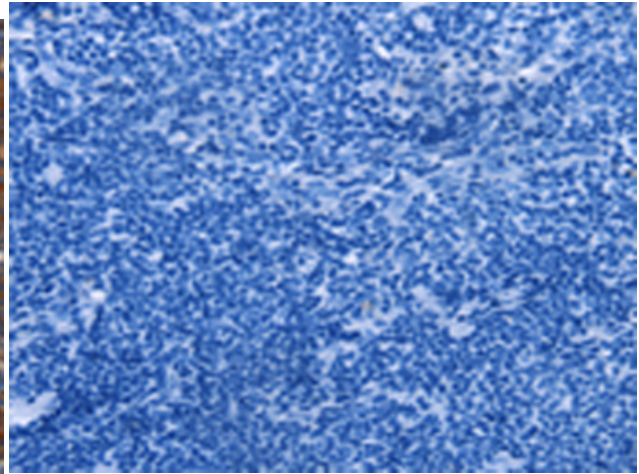
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

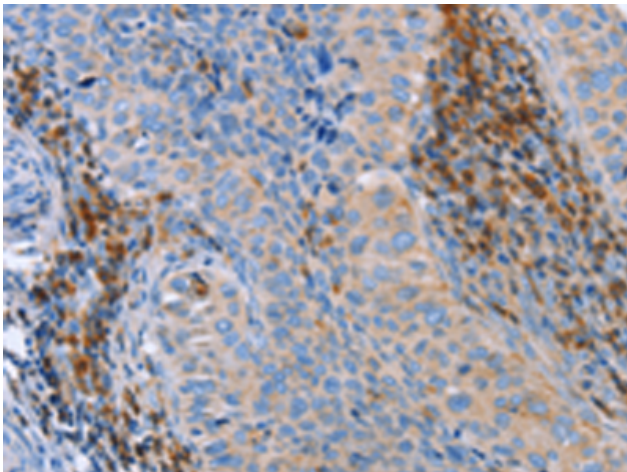
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



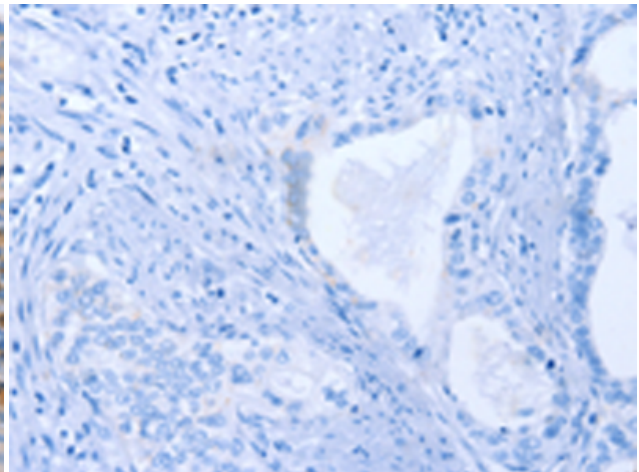
Immunohistochemistry analysis of paraffin embedded Human lymphoma tissue using 217126(PLK3 Antibody) at a dilution of 1/40(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human lymphoma tissue is first treated with the fusion protein and then with 217126(Anti-PLK3 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 217126(Anti-PLK3 Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with fusion protein and then with D221836(Anti-PLK3 Antibody) at dilution 1/40.