

NEK9 RABBIT PAB

Cat.#: S220338

Product Name: Anti-NEK9 Rabbit Polyclonal Antibody

Synonyms: Nek8; NERCC; NERCC1

UNIPROT ID: Q8TD19 (Gene Accession - NP_149107)

Background: NEK9, a NEK type protein kinase, regulates chromosome alignment and segregation in mitosis. The protein has a N-terminal NIMA-like catalytic domain, a central domain with homology to the guanine nucleotide exchange factor for the GTPase Ran (RCC1), and a C-terminal coiled-coil domain. It is phosphorylated by active p34(Cdc2) and is capable of autophosphorylation and oligomerization.

Immunogen: Synthetic peptide of human NEK9

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

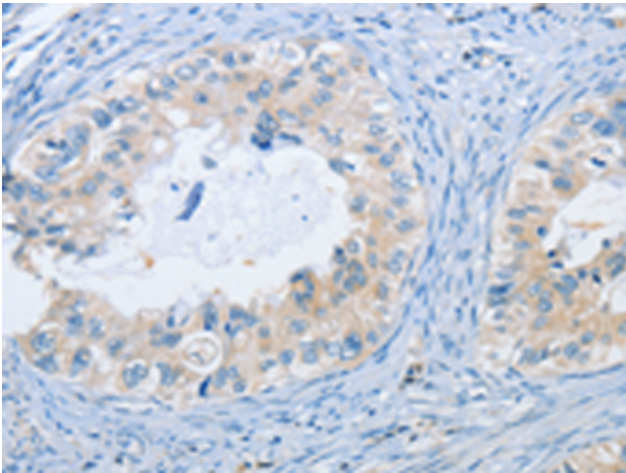
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

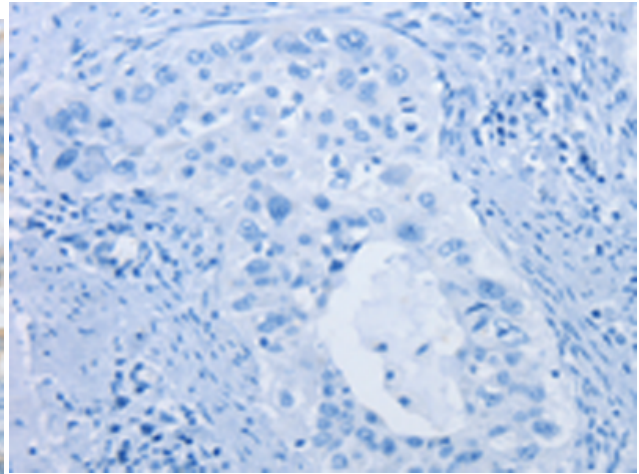
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cancer

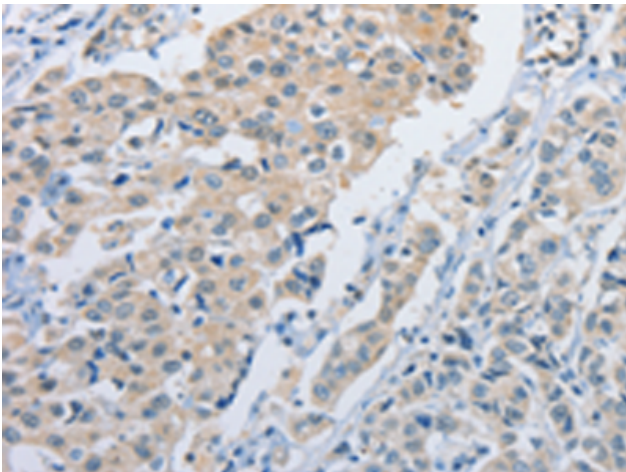
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



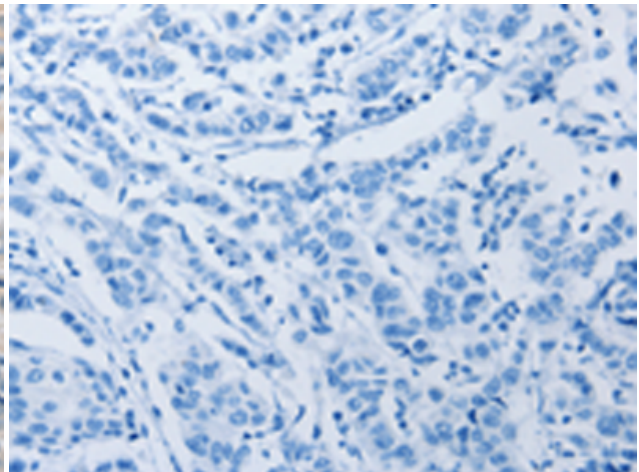
Immunohistochemistry analysis of paraffin-embedded Human cervical cancer tissue using 220338 (NEK9 Antibody) at a dilution of 1/25 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the synthetic peptide and then with 220338 (Anti-NEK9 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 220338 (Anti-NEK9 Antibody) at a dilution of 1/25.



In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with synthetic peptide and then with D261380 (Anti-NEK9 Antibody) at dilution 1/25.