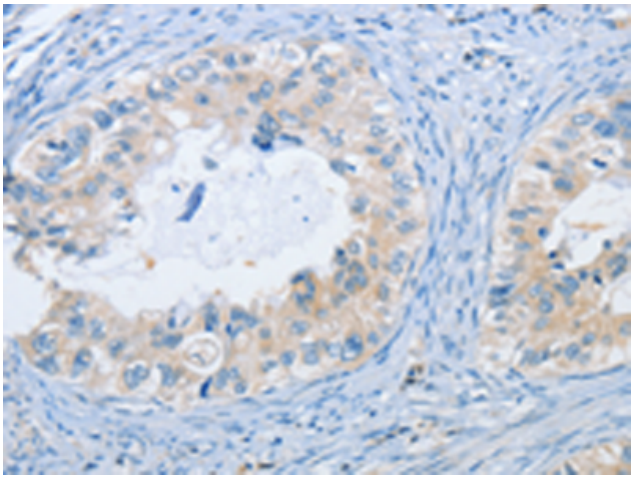
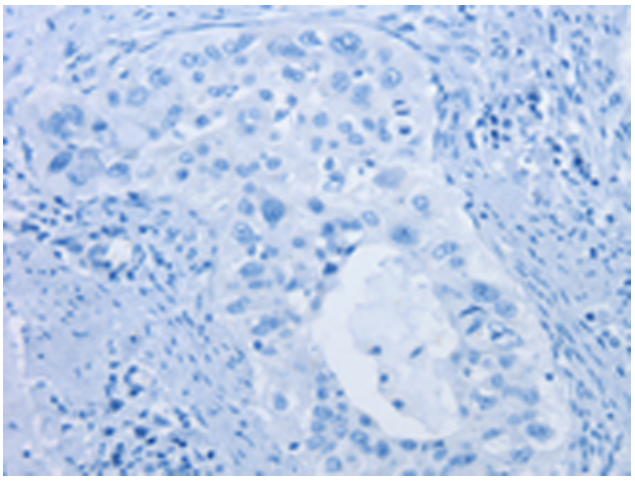
NEK9 RABBIT PAB

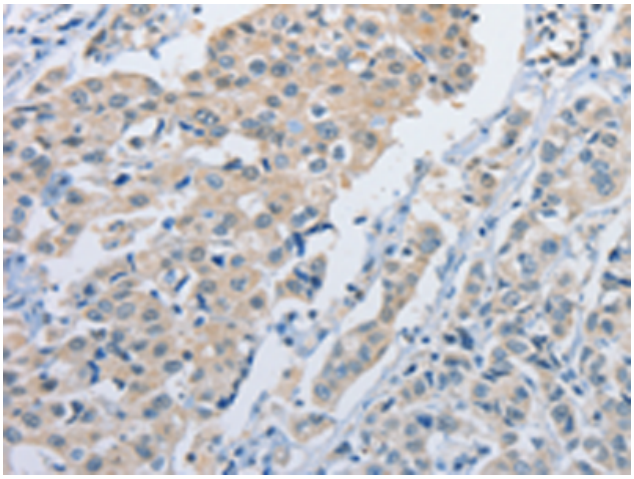
Cat.#: S220338
Product Name: Anti-NEK9 Rabbit Polyclonal Antibody
Synonyms: Nek8; NERCC; NERCC1
UNIPROT ID: Q8TD19 (Gene Accession - NP_149107)
Background: NEK9, a NEK type protein kinase, regulates chromosome alignment and segregation in mitosis. The protein has a N-terminal NIMA-like catalytic domain, 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



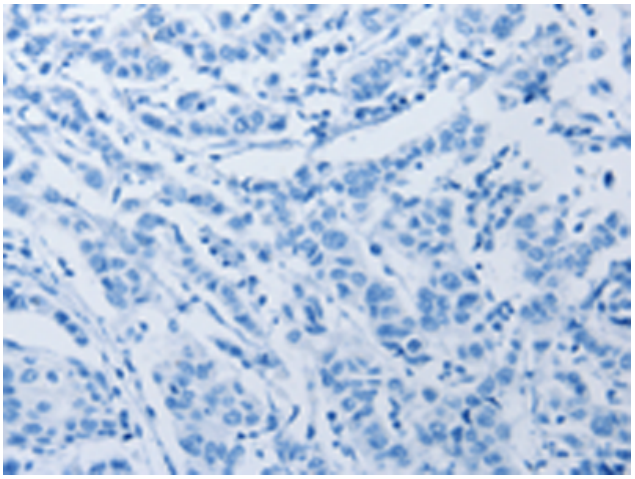
Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 220338(NEK9 Antibody) at a dilution of 1/25(Cytoplasm).



In comparision 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 comparision 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.