

NEK9 RABBIT MAB

Cat.#: N262592

Product Name: Anti-NEK9 Rabbit Monoclonal Antibody

Synonyms: NC; APUG; NERCC; LCCS10; NERCC1

UNIPROT ID: Q8TD19

Background: Pleiotropic regulator of mitotic progression, participating in the control of spindle dynamics and chromosome separation.

Phosphorylates different histones, myelin basic protein, beta-casein, and BICD2. Phosphorylates histone H3 on serine and threonine residues and beta-casein on serine residues. Important for G1/S transition and S phase progression. Phosphorylates NEK6 and NEK7 and stimulates their activity by releasing the autoinhibitory functions of Tyr-108 and Tyr-97 respectively.

Immunogen: A synthetic peptide of human NEK9

Applications: WB,IHC-F,IHC-P,ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R03-1F1

MW: Calculated MW: 107 kDa; Observed MW: 107 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Rat

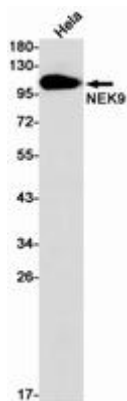
Conjugation: Unconjugated

Modification: Unmodified

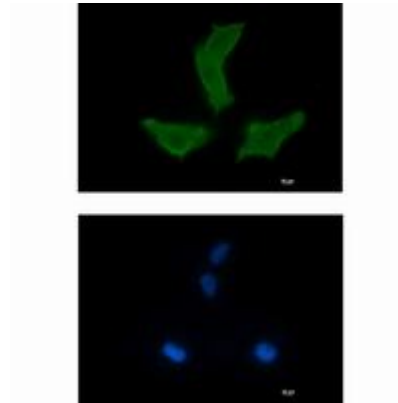
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cell Biology

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



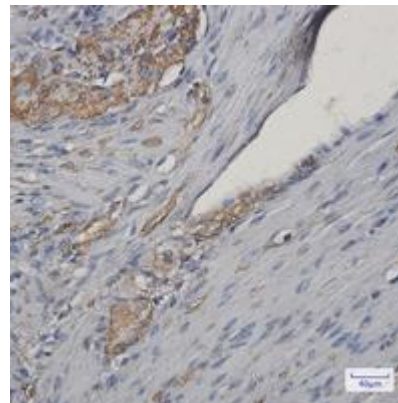
Western blot analysis of NEK9 in HeLa lysates using NEK9 antibody



Immunocytochemistry analysis of NEK9 (green) in HT-1080 using NEK9 antibody, and DAPI (blue).



Western blot analysis of NEK9 in rat skeletal muscle lysates using NEK9 antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using NEK9 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.