

NEK9 monoclonal antibody

Catalog: MB11291

Host: Rabbit

Reactivity: Human,Rat

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.

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 107 kDa; Observed MW: 107 kDa

Swiss-Prot:

Q8TD19

Purification&Purity:

Affinity Purified

Applications:

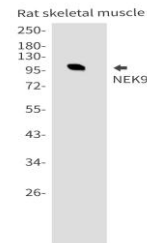
WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Storage&Stability:

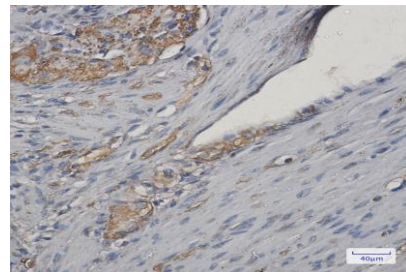
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Immunocytochemistry analysis of NEK9 in HT-1080 using NEK9 antibody, and DAPI.



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

Western blot analysis of NEK9 in Hela 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.

Note:

For research use only, not for use in diagnostic procedure.

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