

NEK7 Rabbit mAb

Catalog No: #59984

Package Size: #59984-1 50ul #59984-2 100ul

Description

Product Name	NEK7 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	NEK7 Antibody detects endogenous levels of total NEK7
Immunogen Description	A synthesized peptide derived from human NEK7
Other Names	NEK7; NimA related protein kinase 7;
Accession No.	Uniprot:Q8TDX7
Calculated MW	Predicted band size: 35 kDa
SDS-PAGE MW	Observed band size: 35 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

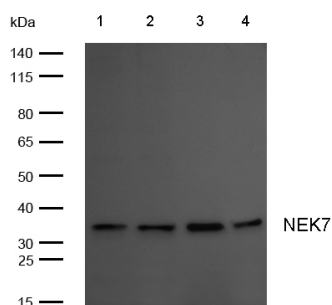
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: NEK7 Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates Lane 2 : JK whole cell lysates

Lane 3 : Mouse lung lysates Lane 4 : Rat skin lysates

Lysates/proteins at 20 µg per lane.

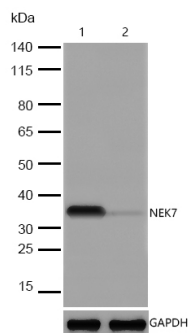
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 35 kDa

Observed band size: 35 kDa

Exposure time: 5 seconds

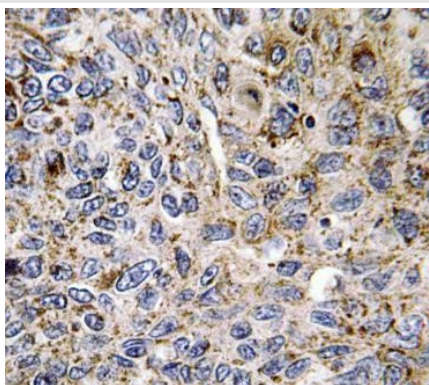


All lanes:NEK7 Rabbit mAb at 1/1k dilution

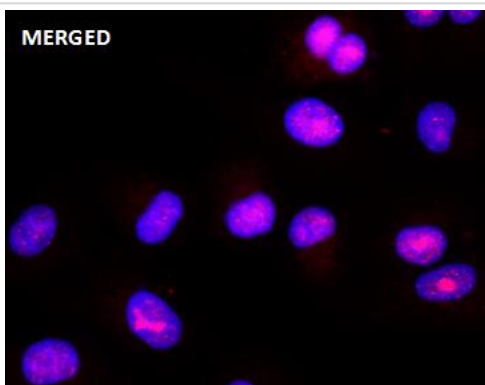
Lane 1 : Wild-type A549 cell lysate

Lane 2 :NEK7 Rabbit mAb knockdown A549 cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human lung cancer tissue stained for NEK7 using 59984 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence NEK7 antibody (59984) ICC/IF staining of NEK7 in A549 cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59984 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 647 goat anti rabbit, used at a dilution of 1/500.

Nuclei

were counterstained with DAPI.

Background

Protein kinase which plays an important role in mitotic cell cycle progression. Required for microtubule nucleation activity of the centrosome, robust mitotic spindle formation and cytokinesis. Phosphorylates RPS6KB1.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.