



NIFK (Ki-67ip, hNIFK, MKI67 FHA Domain Interacting Nucleolar Phosphoprotein, MKI67IP, NOPP34, Nucleolar Phosphoprotein Nopp34, Nucleolar Protein Interacting with the FHA Domain of pKi-67, pKi67)

Catalog number

N2566-75D

Supplier

United States Biological

NIFK is a nucleolar protein that interacts with Ki67, a protein strongly associated with, and a specific marker of, cell proliferation. The marsupial counterpart of human NIFK was recently identified and suggests that NIFK may be involved in the organization of higher order chromatin structure. NIFK was found to interact with the forkhead associated domain of Ki67 in mitotic cells and the interaction is thought to be phosphorylation-dependent.

Positive Control

HeLa or Ramos

Applications

Suitable for use in Western Blot. Other applications not tested.

Recommended Dilution

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, aliquot Store at -20°C. Aliquots are stable for at least 12 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Immunogen

This antibody was developed against a synthetic peptide corresponding to a portion of human NIFK between amino acids 100-200.

Formulation

Supplied as a liquid in PBS, 0.2% gelatin, 0.05% sodium azide.

Purity

Purified by immunoaffinity chromatography.

Specificity

A 34kD band is observed. Species Crossreactivity: Human

Product Type

Mab

**Source**

human

Isotype

IgG1

Grade

Affinity Purified

Applications

WB

Crossreactivity

Hu

Storage

-20°C