

## NEK2 Monoclonal antibody

Catalog Number: 66632-1-Ig 2 Publications

## Basic Information

Catalog Number:

66632-1-Ig

Size:

1600 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG21476

GenBank Accession Number:

BC043502

GeneID (NCBI):

4751

UNIPROT ID:

P51955

Full Name:

NIMA (never in mitosis gene a)-related kinase 2

Calculated MW:

52 kDa

Observed MW:

48 kDa

Purification Method:

Protein G purification

CloneNo.:

3D7B4

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:150-1:600

IF/ICC 1:500-1:2000

## Applications

Tested Applications:

WB, IF, IHC, ELISA

Cited Applications:

WB, IF, CoIP

Species Specificity:

Human, Mouse, Rat

Cited Species:

human, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : Human peripheral blood leukocyte, THP-1 cells, K-562 cells, HL-60 cells, Jurkat cells, RAW 264.7 cells, rat thymus tissue

IHC : human testis tissue,

IF/ICC : A431 cells,

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Momoka Ota	34333065	Toxicol Lett	WB
Dong Guo	38783335	Cancer Cell Int	WB, IF, CoIP

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

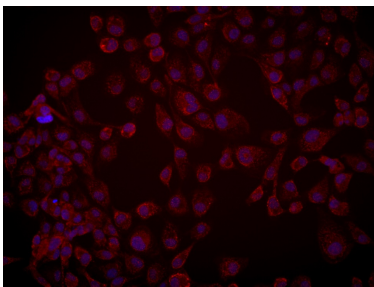
For technical support and original validation data for this product please contact:

T: 4006900926

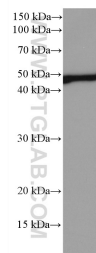
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

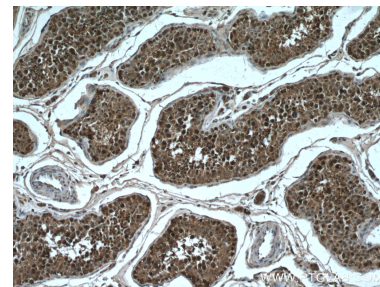
## Selected Validation Data



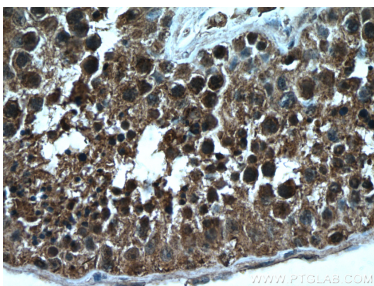
Immunofluorescent analysis of (4% PFA) fixed A431 cells using NEK2 antibody (66632-1-Ig, Clone: 3D7B4) at dilution of 1:1000 and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (Cat.NO. RGAM004).



Human peripheral blood leukocyte were subjected to SDS PAGE followed by western blot with 66632-1-Ig (NEK2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66632-1-Ig (NEK2 antibody) at dilution of 1:300 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 66632-1-Ig (NEK2 antibody) at dilution of 1:300 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).