

For Research Use Only

NEK2 Monoclonal antibody

Catalog Number: 66632-1-Ig **1 Publications**



Basic Information

Catalog Number: 66632-1-Ig	GenBank Accession Number: BC043502	Purification Method: Protein G purification
Size: 1600 µg/ml	GeneID (NCBI): 4751	CloneNo.: 3D7B4
Source: Mouse	UNIPROT ID: P51955	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:150-1:600 IF 1:500-1:2000
Isotype: IgG1	Full Name: NIMA (never in mitosis gene a)- related kinase 2	
Immunogen Catalog Number: AG21476	Calculated MW: 52 kDa	
	Observed MW: 48 kDa	

Applications

Tested Applications:

WB, IF, IHC, ELISA

Cited Applications:

WB

Species Specificity:

Human, Mouse, Rat

Cited Species:

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 : A431 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Momoka Ota	34333065	Toxicol Lett	WB

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:

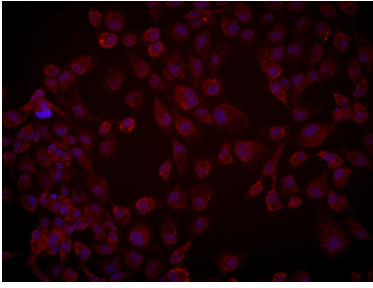
T: 4006900926

E: Proteintech-CN@ptglab.com

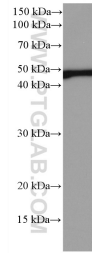
W: ptgcn.com

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

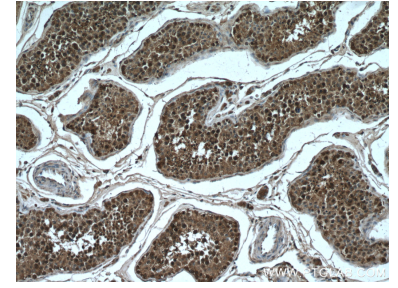
Selected Validation Data



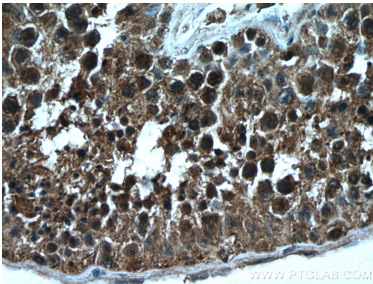
Immunofluorescent analysis of (4% PFA) fixed A431 cells using NEK2 antibody (66632-1-Ig, Clone: 3D7B4) at dilution of 1:1000 and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (Cat.NO. RGAM004).



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).