

For Research Use Only

NEK2 Monoclonal antibody

Catalog Number: 66632-1-Ig **2 Publications**



Basic Information

Catalog Number: 66632-1-Ig	GenBank Accession Number: BC043502	Purification Method: Protein G purification
Size: 150ul , Concentration: 1600 ug/ml by 4751 Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4751	CloneNo.: 3D7B4
Source: Mouse	UNIPROT ID: P51955	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:150-1:600 IF/ICC 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, IHC, IF/ICC, ELISA	Positive Controls:
Cited Applications: WB, IF, CoIP	WB : Human peripheral blood leukocyte, THP-1 cells, K-562 cells, HL-60 cells, Jurkat cells, RAW 264.7 cells, rat thymus tissue
Species Specificity: Human, Mouse , Rat	IHC : human testis tissue,
Cited Species: human, rat	IF/ICC : A431 cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Notable Publications

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

Storage

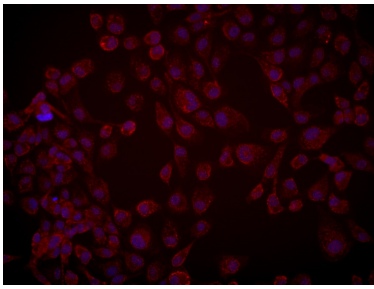
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

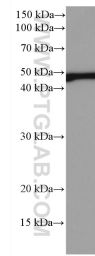
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

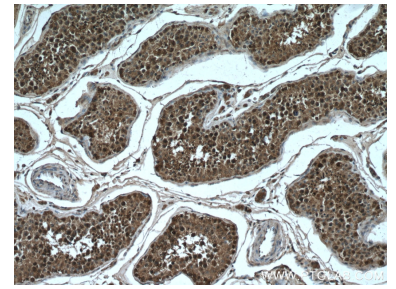
Selected Validation Data



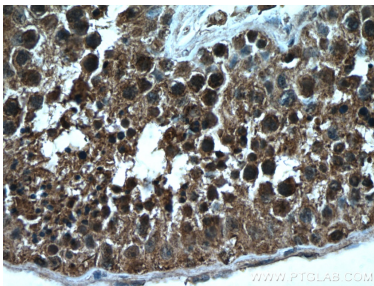
Immunofluorescent analysis of (4% PFA) fixed A431 cells using NEK2 antibody (66632-1-Ig, Clone: 3D7B4) at dilution of 1:1000 and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (Cat.NO. RGAM004).



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).