Mouse NEK2 Monoclonal Antibody | anti-NEK2 antibody

NEK2 (NIMA (never in Mitosis Gene a)-Related Kinase 2, HsPK21, NEK2A, NLK1) (FITC)

CATALOG #	HOST	APPLICATIONS
AAA26298	**Mouse**	**Immunofluorescence, Western Blot**

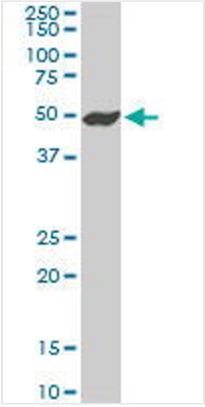
PRODUCT SYNONYMS

NEK2; Monoclonal Antibody; NEK2 (NIMA (never in Mitosis Gene a)-Related Kinase 2; HsPK21; NEK2A; NLK1) (FITC); NIMA (never in Mitosis Gene a)-Related Kinase 2; NLK1; anti-NEK2 antibody

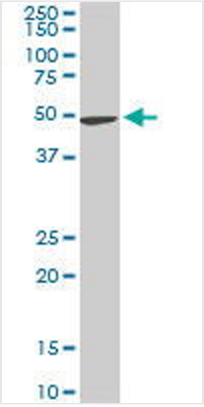
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3B7
Specificity	Recognizes NEK2.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Sequence Length	445
Applicable Applications for anti-NEK2 antibody	IF (Immunofluorescence), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	NEK2 (AAH43502, 331aa-445aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	EQELCVRERLAEDKLARAENLLKNYSLLKERKFLSLASNPELLNLPSSVIKKKVHFSGESKENIMRSENSESQLTSKSKCKDLKKRLHAAQLRAQALSDIEK
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in as FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

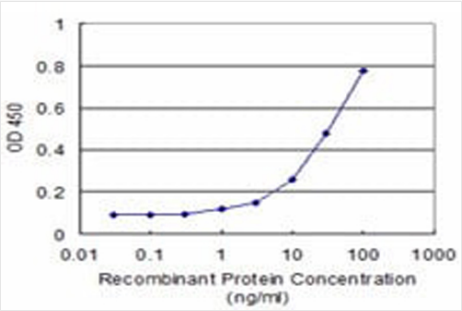
IMAGES



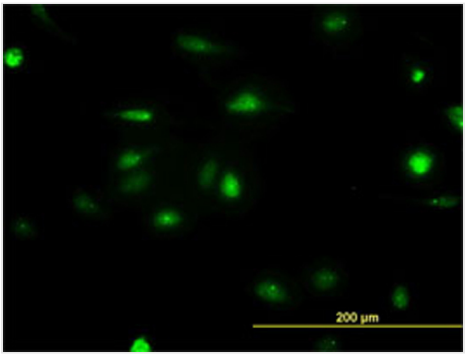
WB (Western Blot)
NEK2 monoclonal antibody (M11), clone 3B7. Western Blot analysis of NEK2 expression in PC-12 (Cat # L012V1).



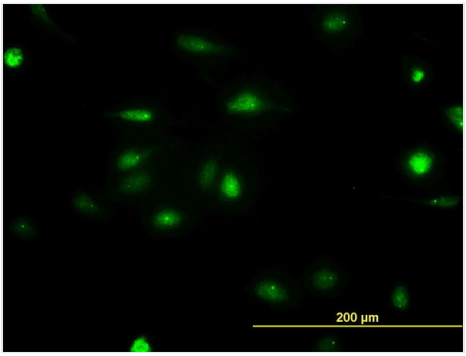
WB (Western Blot)
NEK2 monoclonal antibody (M11), clone 3B7. Western Blot analysis of NEK2 expression in NIH/3T3 (Cat # L018V1).



Application Data
Detection limit for recombinant GST tagged NEK2 is approximately 3ng/ml as a capture antibody.



IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to NEK2 on HeLa cell. [antibody concentration 25 ug/ml]



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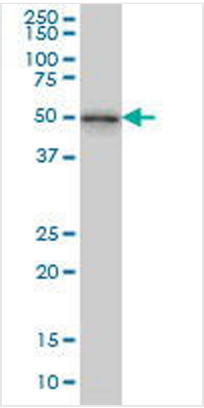

WB (Western Blot)
NEK2 monoclonal antibody (M11), clone 3B7 Western Blot analysis of NEK2 expression in MCF-7 (Cat # L046V1).

ADDITIONAL INFORMATION

Related Product Information for anti-NEK2 antibody	Mouse monoclonal antibody raised against a partial recombinant NEK2.
Product Categories/Family for anti-NEK2 antibody	Antibodies; Protein Kinases

NCBI AND UNIPROT INFORMATION

NCBI GI #	33880241
NCBI GeneID	4751
NCBI Official Full Name	NIMA (never in mitosis gene a)-related kinase 2
NCBI Official Synonym Full Names	NIMA related kinase 2
NCBI Official Symbol	NEK2
NCBI Official Synonym Symbols	NLK1; RP67; NEK2A; HsPK21; PPP1R111
NCBI Protein Information	serine/threonine-protein kinase Nek2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/nek2-antibody-clone-3b7-immunofluorescence-western-blot-elisa/26298