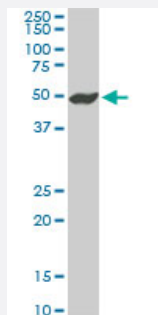


NEK2 monoclonal antibody (M11), clone 3B7

Catalog # H00004751-M11

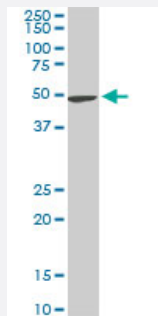
Size 100 ug

Applications



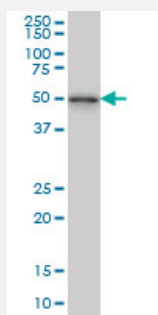
Western Blot (Cell lysate)

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



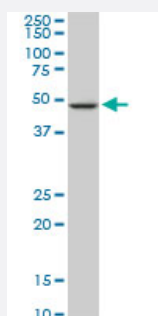
Western Blot (Cell lysate)

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



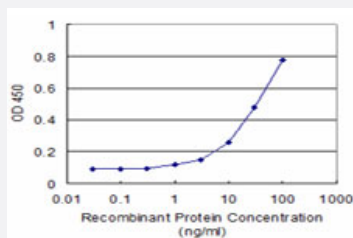
Western Blot (Cell lysate)

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



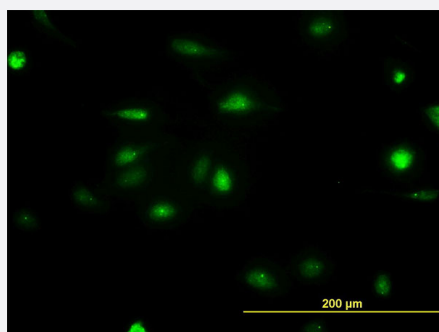
Western Blot (Cell lysate)

NEK2 monoclonal antibody (M11), clone 3B7. Western Blot analysis of NEK2 expression in Raw 264.7 (Cat # L024V1).



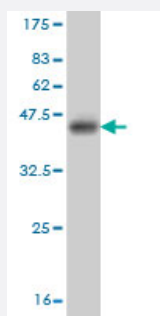
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

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



Western Blot detection against Immunogen (38.28 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NEK2.
Immunogen	NEK2 (AAH43502, 331 a.a. ~ 445 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	EQELCVRERLAEDKLARAENLLKNYSLLKERKFLSLASNPELLNLPSSVIKKKVHFSGESKENIMR SENSESQLTSSKSKCKDLKKRLHAAQLRAQALSDIEKNYQLKSRQILGMR
Host	Mouse
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (81)
Isotype	IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (38.28 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

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

[Protocol Download](#)

- Western Blot (Cell lysate)

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

[Protocol Download](#)

- Western Blot (Cell lysate)

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

[Protocol Download](#)

- Western Blot (Cell lysate)

NEK2 monoclonal antibody (M11), clone 3B7. Western Blot analysis of NEK2 expression in Raw 264.7 (Cat # L024V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — NEK2

Entrez GeneID	4751
GeneBank Accession#	BC043502
Protein Accession#	AAH43502
Gene Name	NEK2
Gene Alias	HsPK21, NEK2A, NLK1
Gene Description	NIMA (never in mitosis gene a)-related kinase 2
Omim ID	604043
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000035216

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Chromosomal Instability](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Obesity](#)
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- [Tobacco Use Disorder](#)