

NEK9 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant NEK9.****Catalog # AT3019a****Specification**

NEK9 Antibody (monoclonal) (M01) - Product Information

Application	WB, IF, E
Primary Accession	Q8TD19
Other Accession	BC009336
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	107168

NEK9 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 91754**Other Names**

Serine/threonine-protein kinase Nek9, Nercc1 kinase, Never in mitosis A-related kinase 9, NimA-related protein kinase 9, NimA-related kinase 8, Nek8, NEK9, KIAA1995, NEK8, NERCC

Target/Specificity

NEK9 (AAH09336, 226 a.a. ~ 326 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IF~~1:50~200

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

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

Precautions

NEK9 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

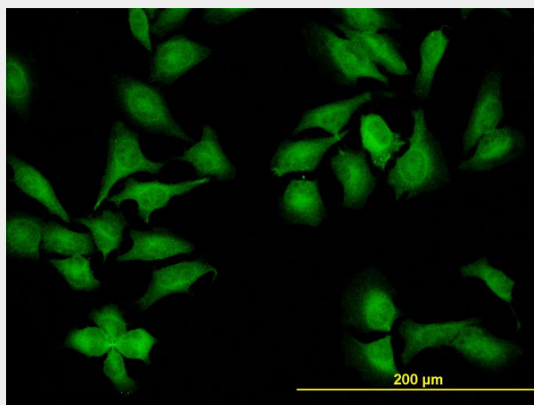
NEK9 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

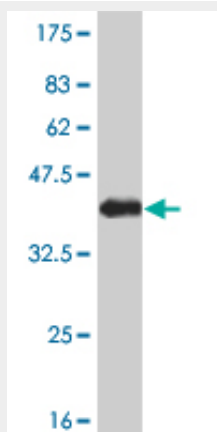
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

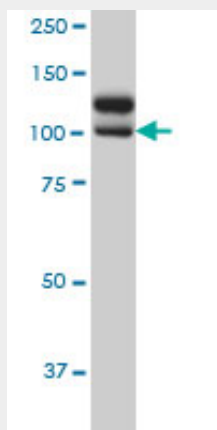
NEK9 Antibody (monoclonal) (M01) - Images



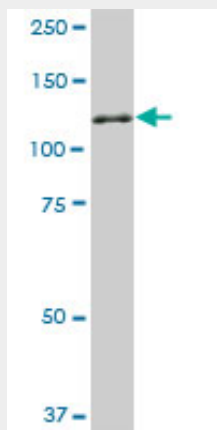
Immunofluorescence of monoclonal antibody to NEK9 on HeLa cell. [antibody concentration 10 ug/ml]



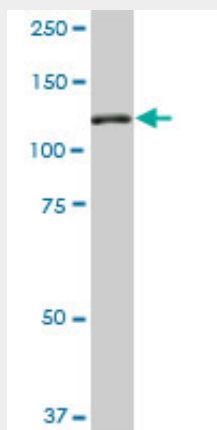
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



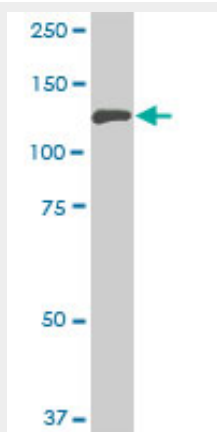
NEK9 monoclonal antibody (M01), clone 1F6 Western Blot analysis of NEK9 expression in HeLa (Cat # AT3019a)



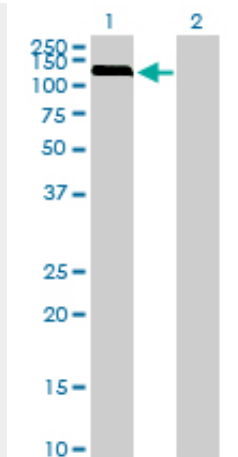
NEK9 monoclonal antibody (M01), clone 1F6. Western Blot analysis of NEK9 expression in PC-12((Cat # AT3019a)



NEK9 monoclonal antibody (M01), clone 1F6. Western Blot analysis of NEK9 expression in Raw 264.7((Cat # AT3019a)



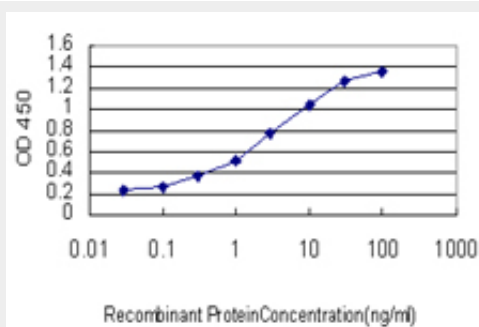
NEK9 monoclonal antibody (M01), clone 1F6. Western Blot analysis of NEK9 expression in NIH/3T3((Cat # AT3019a)



Western Blot analysis of NEK9 expression in transfected 293T cell line by NEK9 monoclonal antibody (M01), clone 1F6.

Lane 1: NEK9 transfected lysate(107.2 KDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged NEK9 is approximately 0.03ng/ml as a capture antibody.

NEK9 Antibody (monoclonal) (M01) - References

1.First insight into the kinome of human regulatory T cells.Konig S, Probst-Kepper M, Reinl T, Jeron A, Huehn J, Schraven B, Jansch L.PLoS One. 2012;7(7):e40896. Epub 2012 Jul 16.