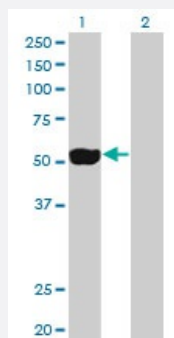


NEK2 monoclonal antibody (M01), clone 2F6

Catalog # H00004751-M01

Size 100 ug

Applications

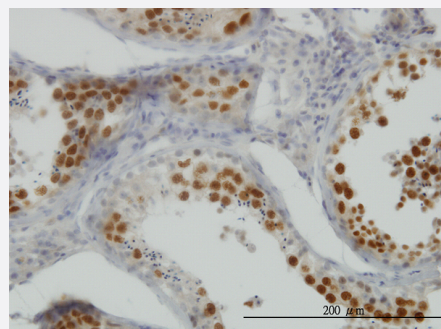


Western Blot (Transfected lysate)

Western Blot analysis of NEK2 expression in transfected 293T cell line by NEK2 monoclonal antibody (M01), clone 2F6.

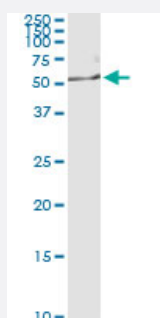
Lane 1: NEK2 transfected lysate (51.8 kDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to NEK2 on formalin-fixed paraffin-embedded human testis. [antibody concentration 1 ug/ml]

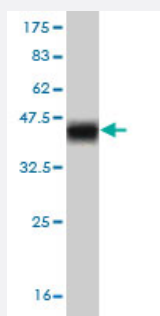
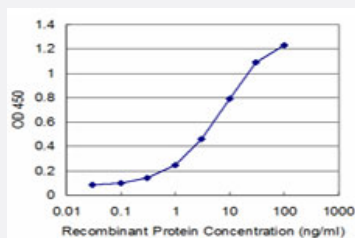


Immunoprecipitation

Immunoprecipitation of NEK2 transfected lysate using anti-NEK2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with NEK2 MaxPab rabbit polyclonal antibody.

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NEK2 is approximately 0.3ng/ml as a capture antibody.



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	EQELCVRERLAEDKLARAENLLKNYSLLKERKFLSLASNPPELLNLPSSVIKKKVHFSGESKENIMR SENSESQLTSSKSKCKDLKKRLHAAQLRAQALSDIEKNYQLKSRQILGMR
Host	Mouse
Reactivity	Human
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 (Transfected lysate)

Western Blot analysis of NEK2 expression in transfected 293T cell line by NEK2 monoclonal antibody (M01), clone 2F6.

Lane 1: NEK2 transfected lysate(51.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to NEK2 on formalin-fixed paraffin-embedded human testis. [antibody concentration 1 ug/ml]

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of NEK2 transfected lysate using anti-NEK2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with NEK2 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NEK2 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — NEK2

Entrez GeneID	4751
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GeneBank Accession#	BC043502
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Protein Accession#	AAH43502
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Gene Name	NEK2
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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](#)
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- [Chromosomal Instability](#)
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- [Tobacco Use Disorder](#)