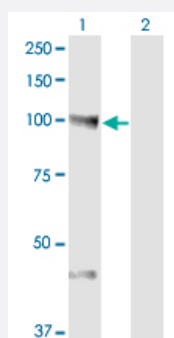


NEDD9 monoclonal antibody (M01), clone 1B4

Catalog # H00004739-M01

Size 50 ug

Applications

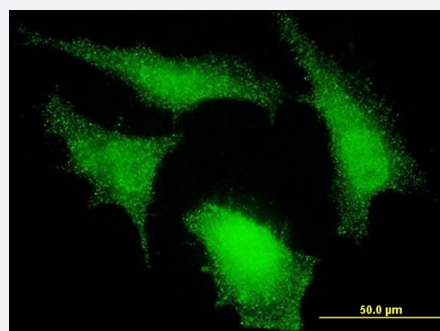


Western Blot (Transfected lysate)

Western Blot analysis of NEDD9 expression in transfected 293T cell line by NEDD9 monoclonal antibody (M01), clone 1B4.

Lane 1: NEDD9 transfected lysate(92.9 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of monoclonal antibody to NEDD9 on HeLa cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant NEDD9.

Immunogen	NEDD9 (NP_006394, 101 a.a. ~ 200 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PRDTIYQVPPSYQNQGIYQVPTGHGTQEQEVYQVPPSVQRSIGGTSGPHVGKKVITPVRTGHGYVY EYPSRYQKD VYDIPPSHTTQGVYDIPSSAKGPV
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 NEDD9 expression in transfected 293T cell line by NEDD9 monoclonal antibody (M01), clone 1B4.

Lane 1: NEDD9 transfected lysate(92.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to NEDD9 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — NEDD9

Entrez GeneID	4739
GeneBank Accession#	NM_006403
Protein Accession#	NP_006394

Gene Name	NEDD9
Gene Alias	CAS-L, CAS2, CASL, CASS2, HEF1, dJ49G10.2, dJ761I2.1
Gene Description	neural precursor cell expressed, developmentally down-regulated 9
Omim ID	602265
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	Cas scaffolding protein family member 2 Crk-associated substrate related OTTHUMP00000016030 cas-like docking dJ49G10.2 (Enhancer of Filamentation 1 (HEF1)) dJ761I2.1 (enhancer of filamentation (HEF1)) enhancer of filamentation 1

Publication Reference

- [Evidence that common variation in NEDD9 is associated with susceptibility to late-onset Alzheimer's and Parkinson's disease.](#)

Li Y, Grupe A, Rowland C, Holmans P, Segurado R, Abraham R, Jones L, Catanese J, Ross D, Mayo K, Martinez M, Hollingworth P, Goate A, Cairns NJ, Racette BA, Perlmutter JS, O'Donovan MC, Morris JC, Brayne C, Rubinsztein DC, Lovestone S, Thal LJ, Owen MJ, W.

Human Molecular Genetics 2007 Dec; 17(5):759.

Application: IHC, Human, Brain from patients with Alzheimer's and Parkinson's disease

Disease

- [Alzheimer disease](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)
- [Psychiatric Status Rating Scales](#)
- [Tobacco Use Disorder](#)