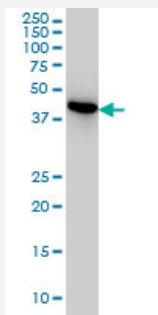


NUDC monoclonal antibody (M01), clone 5G12

Catalog # H00010726-M01

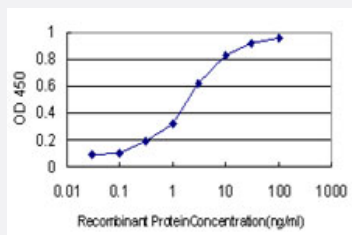
Size 100 ug

Applications



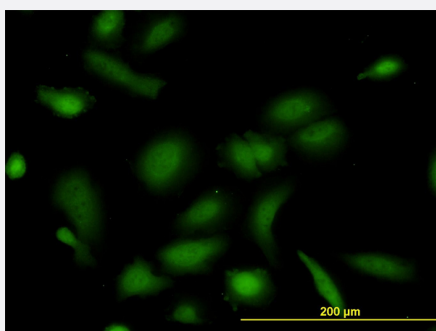
Western Blot (Cell lysate)

NUDC monoclonal antibody (M01), clone 5G12 Western Blot analysis of NUDC expression in HeLa (Cat # L013V1).



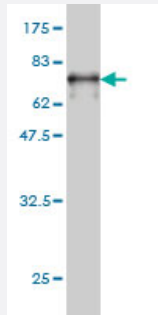
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

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



Western Blot detection against Immunogen (62.15 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant NUDC.
Immunogen	NUDC (AAH02399, 1 a.a. ~ 331 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGGEQEEERFDGMLLAMAAQQHEGGVQELVNTFFSFLRRKTDFFIGGEEGMAEKLITQTFSHHNQ LAQKTRREKRARQEAERREKAERAARLAKEAKSETSGPQIKELTDEEAERLQLEIDQKKDAENHE AQLKNGSLDSPGKQDTEEDEGEDEKDKGKLKPNLGNADLPNYRWTQTLSELDLAVPFCVNFR LK GKDMVVDIQRRHLRVGLKGQPAIIDGELYNEVKVEESSWLIEDGKVVTVHLEKINKMEWWSRL VSSDPEINTKKINPENS KLSLDLSETRSMVEKMMYDQRQKSMGLPTSDEQKKQEILKKFMDQHP EMDFSKAKFN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (94)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (62.15 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)

NUDC monoclonal antibody (M01), clone 5G12 Western Blot analysis of NUDC expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — NUDC

Entrez GeneID [10726](#)

GeneBank Accession# [BC002399](#)

Protein Accession# [AAH02399](#)

Gene Name NUDC

Gene Alias HNUDC, MNUDC, NPD011

Gene Description nuclear distribution gene C homolog (A. nidulans)

Omim ID [610325](#)

Gene Ontology [Hyperlink](#)

Gene Summary NudC was first identified as a regulator of nuclear movement in the asexual reproductive cycle of the filamentous fungus *Aspergillus nidulans*. Human NUDC is a nuclear movement protein that associates with dynein (see DYNC1H1; MIM 600112) (Aumais et al., 2003 [PubMed 12679384]).[supplied by OMIM]

Other Designations OTTHUMP00000004405|nuclear distribution gene C homolog

Publication Reference

- [A quantitative chaperone interaction network reveals the architecture of cellular protein homeostasis pathways.](#)

Mikko Taipale, George Tucker, Jian Peng, Irina Krykbaeva, Zhen-Yuan Lin, Brett Larsen, Hyungwon Choi, Bonnie Berger, Anne-Claude Gingras, Susan Lindquist.

Cell 2014 Jul; 158(2):434.

Application: WB, Human, HEK293T cells