

CNOT3 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant CNOT3.****Catalog # AT1572a****Specification**

CNOT3 Antibody (monoclonal) (M01) - Product Information

Application	WB, IF, E
Primary Accession	O75175
Other Accession	NM_014516
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	81872

CNOT3 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 4849**Other Names**

CCR4-NOT transcription complex subunit 3, CCR4-associated factor 3, Leukocyte receptor cluster member 2, CNOT3, KIAA0691, LENG2, NOT3

Target/Specificity

CNOT3 (NP_055331, 1 a.a. ~ 100 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

CNOT3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

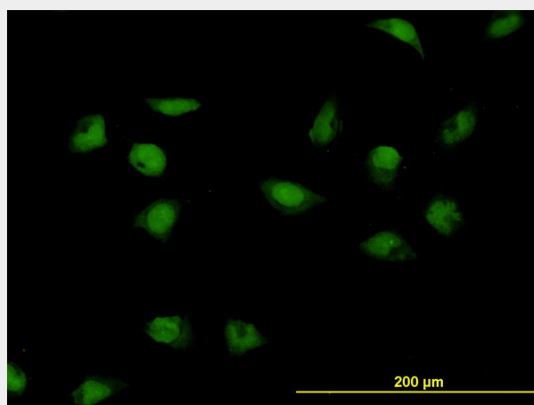
CNOT3 Antibody (monoclonal) (M01) - Protocols

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

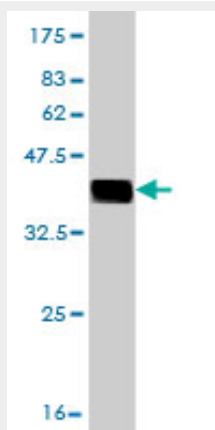
- [Western Blot](#)

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

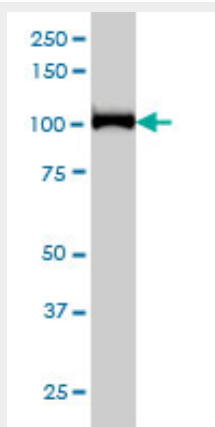
CNOT3 Antibody (monoclonal) (M01) - Images



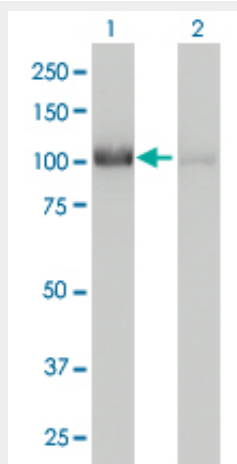
Immunofluorescence of monoclonal antibody to CNOT3 on HeLa cell. [antibody concentration 10 ug/ml]



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



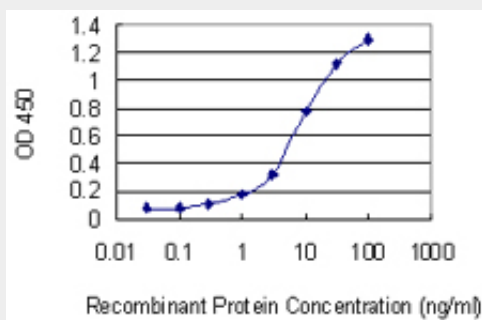
CNOT3 monoclonal antibody (M01), clone 4B8 Western Blot analysis of CNOT3 expression in Hela S3 NE ((Cat # AT1572a)



Western Blot analysis of CNOT3 expression in transfected 293T cell line by CNOT3 monoclonal antibody (M01), clone 4B8.

Lane 1: CNOT3 transfected lysate(82 KDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged CNOT3 is 0.3 ng/ml as a capture antibody.

CNOT3 Antibody (monoclonal) (M01) - References

1. Identification of Ccr4-Not complex components as regulators of transition from partial to genuine induced pluripotent stem cells. Kamon M, Katano M, Hiraki-Kamon K, Hishida T, Nakachi Y, Mizuno Y, Okazaki Y, Suzuki A, Hirasaki M, Ueda A, Nishimoto M, Kato H, Okuda A. *Stem Cells Dev.* 2013 Nov 8.2. The Anti-Proliferative Activity of BTG/TOB Proteins Is Mediated via the Caf1a (CNOT7) and Caf1b (CNOT8) Deadenylase Subunits of the Ccr4-Not Complex. Doidge R, Mittal S, Aslam A, Winkler GS. *PLoS One.* 2012;7(12):e51331. doi: 10.1371/journal.pone.0051331. Epub 2012 Dec 7.3. The Ccr4-not deadenylase subunits CNOT7 and CNOT8 have overlapping roles and modulate cell proliferation. Aslam A, Mittal S, Koch F, Andrau JC, Winkler GS. *Mol Biol Cell.* 2009 Sep;20(17):3840-50. Epub 2009 Jul 15.