

CETN3 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant CETN3.****Catalog # AT1505a****Specification**

CETN3 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O15182
Other Accession	BC005383
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	19550

CETN3 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 1070**Other Names**

Centrin-3, CETN3, CEN3

Target/Specificity

CETN3 (AAH05383, 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

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

CETN3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

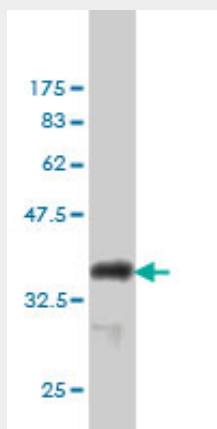
CETN3 Antibody (monoclonal) (M01) - Protocols

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

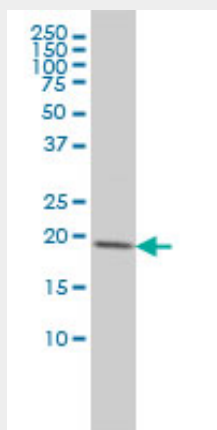
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

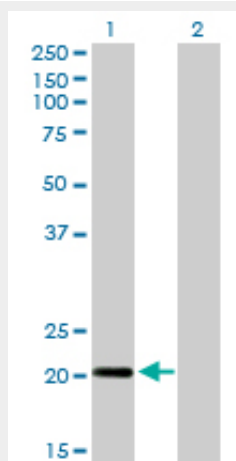
CETN3 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 kDa) .

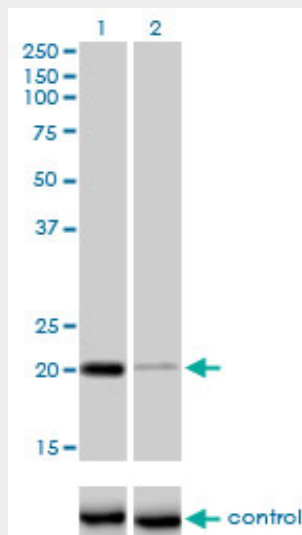


CETN3 monoclonal antibody (M01), clone 3E6 Western Blot analysis of CETN3 expression in Jurkat (Cat # AT1505a)

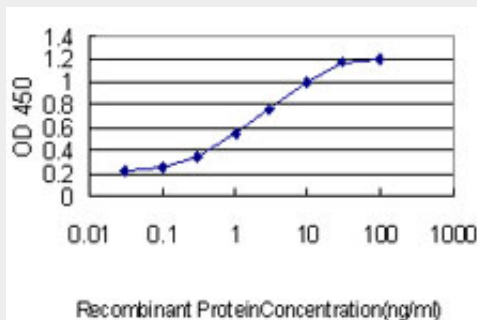


Western Blot analysis of CETN3 expression in transfected 293T cell line by CETN3 monoclonal antibody (M01), clone 3E6.

Lane 1: CETN3 transfected lysate(19.5 KDa).
Lane 2: Non-transfected lysate.



Western blot analysis of CETN3 over-expressed 293 cell line, cotransfected with CETN3 Validated Chimera RNAi (Cat # AT1505a)



Detection limit for recombinant GST tagged CETN3 is approximately 0.1ng/ml as a capture antibody.

CETN3 Antibody (monoclonal) (M01) - Background

The protein encoded by this gene contains four EF-hand calcium binding domains, and is a member of the centrin protein family. Centrins are evolutionarily conserved proteins similar to the CDC31 protein of *S. cerevisiae*. Yeast CDC31 is located at the centrosome of interphase and mitotic cells, where it plays a fundamental role in centrosome duplication and separation. Multiple forms of the proteins similar to the yeast centrin have been identified in human and other mammalian cells, some of which have been shown to be associated with centrosome fractions. This protein appears to be one of the most abundant centrins associated with centrosome, which suggests a similar function to its yeast counterpart.

CETN3 Antibody (monoclonal) (M01) - References

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