

## **CENTB2 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant CENTB2.

Catalog # AT1495a

### **Specification**

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#### **CENTB2 Antibody (monoclonal) (M01) - Product Information**

Application	IP, WB, E
Primary Accession	<a href="#">Q15057</a>
Other Accession	<a href="#">NM_012287</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	88029

#### **CENTB2 Antibody (monoclonal) (M01) - Additional Information**

**Gene ID** 23527

##### **Other Names**

Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 2, Centaurin-beta-2, Cnt-b2, ACAP2, CENTB2, KIAA0041

##### **Target/Specificity**

CENTB2 (NP\_036419, 473 a.a. ~ 581 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

##### **Dilution**

WB~~1:500~1000

##### **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**

CENTB2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

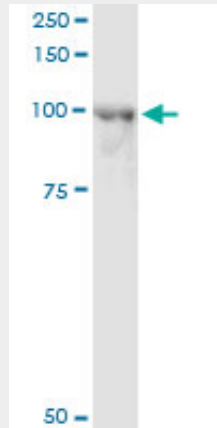
#### **CENTB2 Antibody (monoclonal) (M01) - Protocols**

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

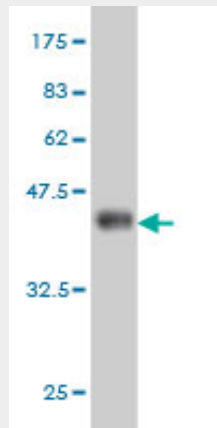
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

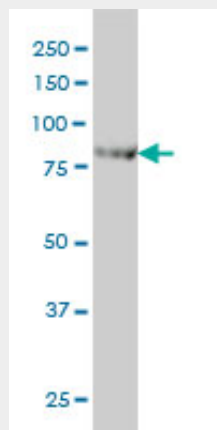
### CENTB2 Antibody (monoclonal) (M01) - Images



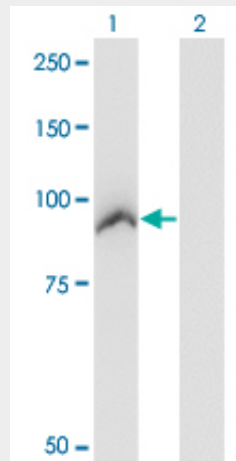
Immunoprecipitation of ACAP2 transfected lysate using anti-ACAP2 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with ACAP2 monoclonal antibody.



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .

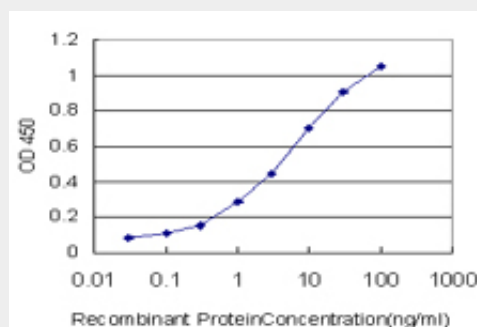


CENTB2 monoclonal antibody (M01), clone 4G3 Western Blot analysis of CENTB2 expression in HeLa ( (Cat # AT1495a )



Western Blot analysis of ACAP2 expression in transfected 293T cell line by ACAP2 monoclonal antibody (M01), clone 4G3.

Lane 1: ACAP2 transfected lysate (Predicted MW: 88.1 KDa).  
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged CENTB2 is approximately 0.1ng/ml as a capture antibody.

### **CENTB2 Antibody (monoclonal) (M01) - References**

Substrate specificities and activities of AZAP family Arf GAPs in vivo. Cuthbert EJ, et al. *Am J Physiol Cell Physiol*, 2008 Jan. PMID 18003747. Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. *Genome Res*, 2006 Jan. PMID 16344560. Immunoaffinity profiling of tyrosine phosphorylation in cancer cells. Rush J, et al. *Nat Biotechnol*, 2005 Jan. PMID 15592455. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. *Genome Res*, 2004 Oct. PMID 15489334. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. *Proc Natl Acad Sci U S A*, 2002 Dec 24. PMID 12477932.