

## **CTBP1 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a full length recombinant CTBP1.

Catalog # AT1665a

### **Specification**

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#### **CTBP1 Antibody (monoclonal) (M01) - Product Information**

Application	IF, WB, IHC, E
Primary Accession	<a href="#">Q13363</a>
Other Accession	<a href="#">BC053320</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b kappa
Calculated MW	47535

#### **CTBP1 Antibody (monoclonal) (M01) - Additional Information**

**Gene ID** 1487

##### **Other Names**

C-terminal-binding protein 1, CtBP1, 111-, CTBP1, CTBP

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

CTBP1 (AAH53320, 1 a.a. ~ 429 a.a) full-length 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**

CTBP1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

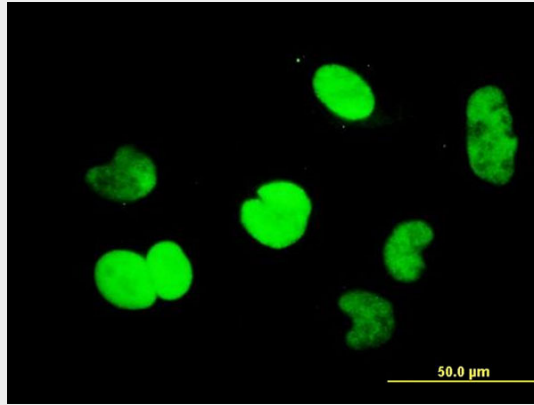
#### **CTBP1 Antibody (monoclonal) (M01) - Protocols**

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

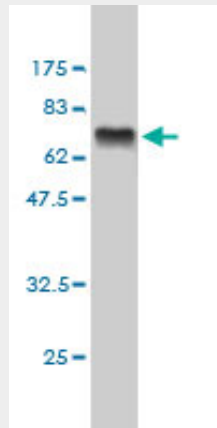
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

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

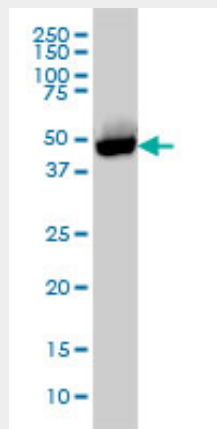
### CTBP1 Antibody (monoclonal) (M01) - Images



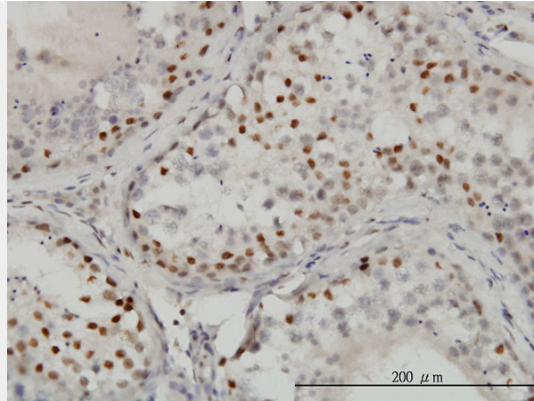
Immunofluorescence of monoclonal antibody to CTBP1 on HeLa cell. [antibody concentration 10 ug/ml]



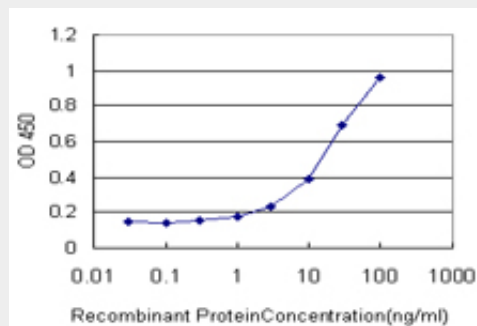
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (72.93 KDa) .



CTBP1 monoclonal antibody (M01), clone 2G7 Western Blot analysis of CTBP1 expression in HL-60 ( (Cat # AT1665a )



Immunoperoxidase of monoclonal antibody to CTBP1 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged CTBP1 is approximately 1ng/ml as a capture antibody.

### CTBP1 Antibody (monoclonal) (M01) - Background

This gene encodes a protein that binds to the C-terminus of adenovirus E1A proteins. This phosphoprotein is a transcriptional repressor and may play a role during cellular proliferation. This protein and the product of a second closely related gene, CTBP2, can dimerize. Both proteins can also interact with a polycomb group protein complex which participates in regulation of gene expression during development. Alternative splicing of transcripts from this gene results in multiple transcript variants.

### CTBP1 Antibody (monoclonal) (M01) - References

Inhibition of CtBP1 activity by Akt-mediated phosphorylation. Merrill JC, et al. J Mol Biol, 2010 May 21. PMID 20361981. New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. Genes Immun, 2010 Apr. PMID 20237496. Association of genetic variants with hemorrhagic stroke in Japanese individuals. Yoshida T, et al. Int J Mol Med, 2010 Apr. PMID 20198315. Assessment of a polymorphism of SDK1 with hypertension in Japanese Individuals. Oguri M, et al. Am J Hypertens, 2010 Jan. PMID 19851296. Ligand-dependent corepressor LCoR is an attenuator of progesterone-regulated gene expression. Palijan A, et al. J Biol Chem, 2009 Oct 30. PMID 19744932.

### CTBP1 Antibody (monoclonal) (M01) - Citations

- [Expression of Master Regulators of T-cell, Helper T-cell and Follicular Helper T-cell Differentiation in Angioimmunoblastic T-cell Lymphoma.](#)