

## **CTNNBIP1 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant CTNNBIP1.

Catalog # AT1676a

### **Specification**

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#### **CTNNBIP1 Antibody (monoclonal) (M01) - Product Information**

Application	WB, E
Primary Accession	<a href="#">O9NSA3</a>
Other Accession	<a href="#">NM_020248</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	9170

#### **CTNNBIP1 Antibody (monoclonal) (M01) - Additional Information**

**Gene ID** 56998

#### **Other Names**

Beta-catenin-interacting protein 1, Inhibitor of beta-catenin and Tcf-4, CTNNBIP1, ICAT

#### **Target/Specificity**

CTNNBIP1 (NP\_064633, 1 a.a. ~ 81 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**

CTNNBIP1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

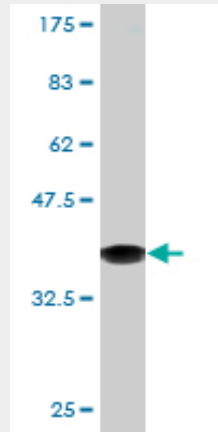
#### **CTNNBIP1 Antibody (monoclonal) (M01) - Protocols**

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

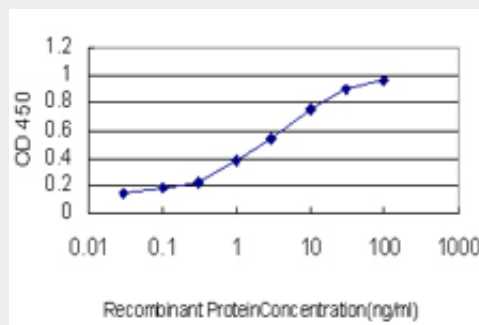
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

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

### CTNNBIP1 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.65 kDa) .



Detection limit for recombinant GST tagged CTNNBIP1 is approximately 0.1 ng/ml as a capture antibody.

### CTNNBIP1 Antibody (monoclonal) (M01) - Background

The protein encoded by this gene binds CTNNB1 and prevents interaction between CTNNB1 and TCF family members. The encoded protein is a negative regulator of the Wnt signaling pathway. Two transcript variants encoding the same protein have been found for this gene.

### CTNNBIP1 Antibody (monoclonal) (M01) - References

Immunohistochemical expression of E-cadherin and beta-catenin in ameloblastomas and tooth germs. Alves Pereira KM, et al. Oral Surg Oral Med Oral Pathol Oral Radiol Endod, 2010 Mar. PMID 20219600. Reduced beta-catenin expression is associated with good prognosis in Astrocytoma. Zhang LY, et al. Pathol Oncol Res, 2010 Jun. PMID 20182836. ICAT as a potential enhancer of monocytic differentiation: implications from the comparative proteome analysis of the HL60 cell line stimulated by all-trans retinoic acid and NSC67657. Wang W, et al. Cell Biochem Funct, 2009 Aug. PMID 19569129. Comparative proteomics analysis on differentiation of human promyelocytic leukemia HL-60 cells into granulocyte and monocyte lineages. Wang WJ, et al. Ai Zheng, 2009 Feb. PMID 19550115. HINT1 inhibits beta-catenin/TCF4, USF2 and NFkappaB activity in human hepatoma cells. Wang L, et al. Int J Cancer, 2009 Apr 1. PMID 19089909.