

## **UBE2C Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant UBE2C.

Catalog # AT4429a

### **Specification**

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#### **UBE2C Antibody (monoclonal) (M01) - Product Information**

Application	WB, IHC, IF, E
Primary Accession	<a href="#">O00762</a>
Other Accession	<a href="#">NM_007019</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	19652

#### **UBE2C Antibody (monoclonal) (M01) - Additional Information**

**Gene ID** 11065

##### **Other Names**

Ubiquitin-conjugating enzyme E2 C, UbcH10, Ubiquitin carrier protein C, Ubiquitin-protein ligase C, UBE2C, UBCH10

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

UBE2C (NP\_008950, 70 a.a. ~ 179 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

##### **Dilution**

WB~~1:500~1000  
IHC~~1:100~500  
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**

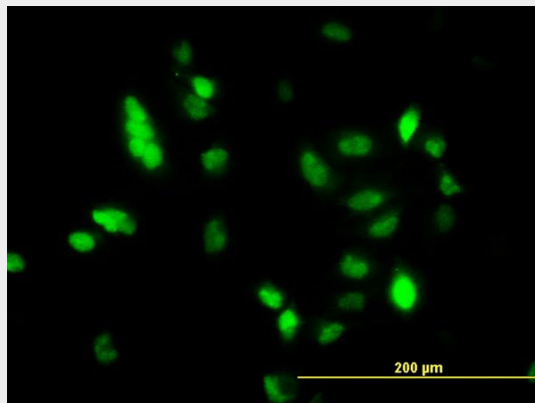
UBE2C Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

#### **UBE2C Antibody (monoclonal) (M01) - Protocols**

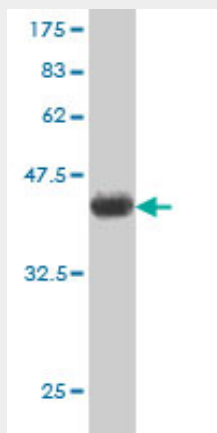
Provided below are standard protocols that you may find useful for product applications.

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

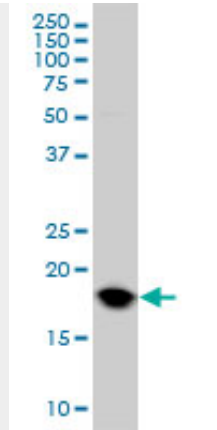
### UBE2C Antibody (monoclonal) (M01) - Images



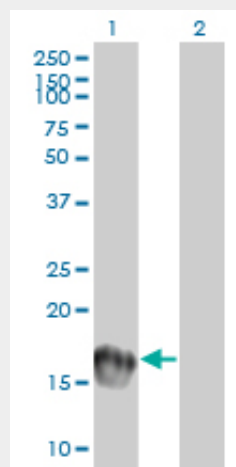
Immunofluorescence of monoclonal antibody to UBE2C on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .



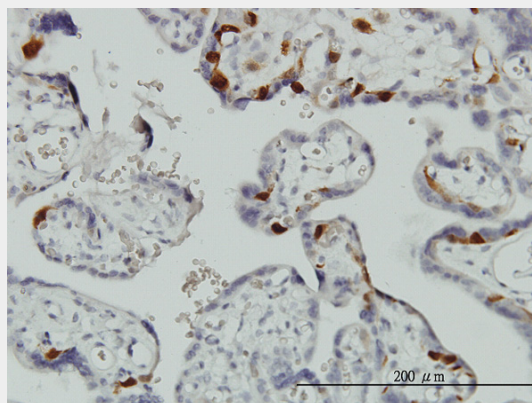
UBE2C monoclonal antibody (M01), clone 9D3 Western Blot analysis of UBE2C expression in HeLa (Cat # AT4429a)



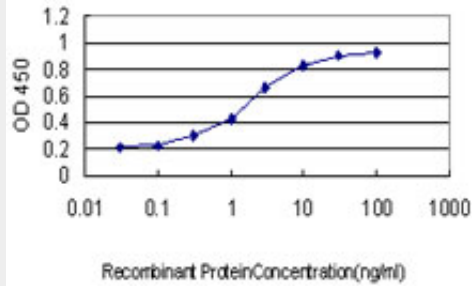
Western Blot analysis of UBE2C expression in transfected 293T cell line by UBE2C monoclonal antibody (M01), clone 9D3.

Lane 1: UBE2C transfected lysate(19.7 KDa).

Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to UBE2C on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged UBE2C is approximately 0.03ng/ml as a capture antibody.

### UBE2C Antibody (monoclonal) (M01) - References

1. Ubiquitin-Conjugating Enzyme UBE2C Is Highly Expressed in Breast Microcalcification Lesions. Chou CP, Huang NC, Jhuang SJ, Pan HB, Peng NJ, Cheng JT, Chen CF, Chen JJ, Chang TH. *PLoS One*. 2014 Apr 3;9(4):e93934. doi: 10.1371/journal.pone.0093934. eCollection 2014.
2. Oligonucleotide Microarray Identifies Genes Differentially Expressed during Tumorigenesis of DMBA-Induced Pancreatic Cancer in Rats. Guo JC, Li J, Yang YC, Zhou L, Zhang TP, Zhao YP. *PLoS One*. 2013 Dec 23;8(12):e82910. doi: 10.1371/journal.pone.0082910.
3. UBE2C is a marker of unfavorable prognosis in bladder cancer after radical cystectomy. Morikawa T, Kawai T, Abe H, Kume H, Homma Y, Fukayama M. *Int J Clin Exp Pathol*. 2013 Jun 15;6(7):1367-74. Print 2013.
4. Multicenter Validation of Cyclin D1, MCM7, TRIM29, and UBE2C as Prognostic Protein Markers in Non-Muscle Invasive Bladder Cancer. Fristrup N, Birkenkamp-Demtroder K, Reinert T, Sanchez-Carbayo M, Segersten U, Malmstrom PU, Palou J, Alvarez-Mugica M, Pan CC, Ulhoi BP, Borre M, Orntoft TF, Dyrskjot L. *Am J Pathol*. 2012 Nov 28. pii: S0002-9440(12)00811-5. doi: 10.1016/j.ajpath.2012.10.017.
5. A study of UbcH10 expression and its association with recurrence of meningiomas. Jiang L, Wang T, Bao Y, Qian J, Wu XJ, Hu GH, Lu YC. *J Surg Oncol*. 2012 Sep 1;106(3):327-31. doi: 10.1002/jso.22141. Epub 2011 Nov 17.
6. Association of clinicopathological features with UbcH10 expression in colorectal cancer. Chen S, Chen Y, Hu C, Jing H, Cao Y, Liu X. *J Cancer Res Clin Oncol*. 2009 Sep 25. [Epub ahead of print].
7. Expression of ubiquitin-conjugating enzyme E2C/UbcH10 in astrocytic tumors. Jiang L, Huang CG, Lu YC, Luo C, Hu GH, Liu HM, Chen JX, Han HX. *Brain Res*. 2008 Mar 27;1201:161-6. Epub 2008 Jan 26.