

UBE2C Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant UBE2C.

Catalog # AT4429a

Product Information

Application	WB, IHC, IF, E
Primary Accession	O00762
Other Accession	NM_007019
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	9D3
Calculated MW	19652

Additional Information

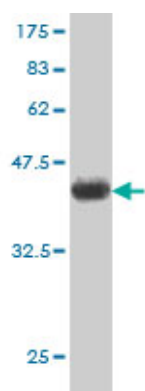
Gene ID	11065
Other Names	Ubiquitin-conjugating enzyme E2 C, Ubch10, Ubiquitin carrier protein C, Ubiquitin-protein ligase C, UBE2C, UBCH10
Target/Specificity	UBE2C (NP_008950, 70 a.a. ~ 179 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 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.

References

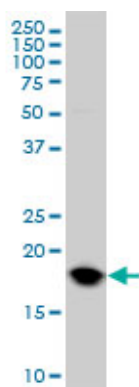
1. Ubiquitin-Conjugating Enzyme UBE2C Is Highly Expressed in Breast Microcalcification Lesions. Chou CP, Huang NC, Jhuang SJ, Pan HB, Peng NJ, Cheng JT, Chen CF, Chen JJ, Chang TH. PLoS One. 2014 Apr 3;9(4):e93934. doi: 10.1371/journal.pone.0093934. eCollection 2014. 2. Oligonucleotide Microarray Identifies 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. Frisrup 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.

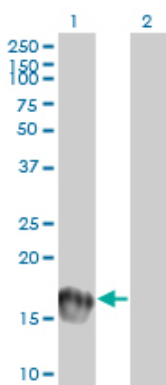
Images



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



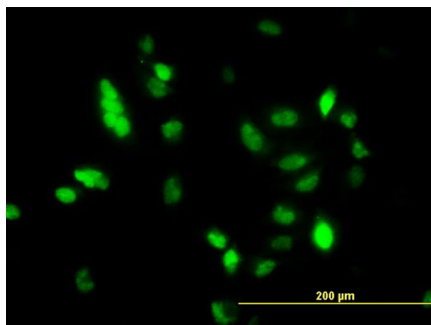
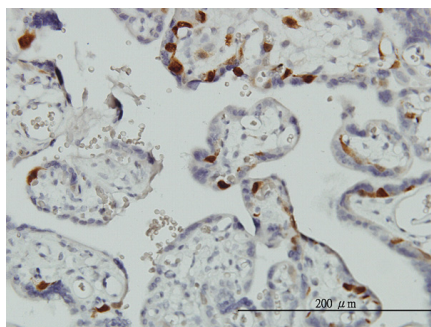
UBE2C monoclonal antibody (M01), clone 9D3 Western Blot analysis of UBE2C expression in HeLa (Cat # AT4429a)



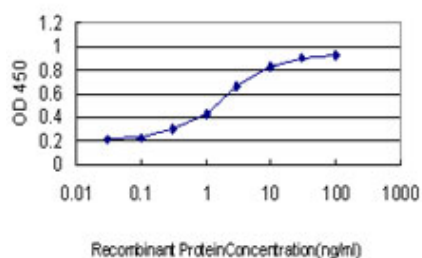
Western Blot analysis of UBE2C expression in transfected 293T cell line by UBE2C monoclonal antibody (M01), clone 9D3.

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]



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



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.