

# Product Datasheet

## UbcH10/UBE2C Antibody (9D3) - Azide and BSA Free H00011065-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00011065-M01**

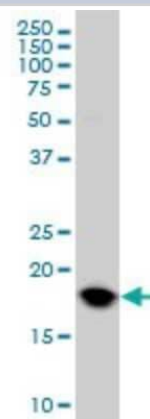
UbcH10/UBE2C Antibody (9D3) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	9D3
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	11065
Gene Symbol	UBE2C
Species	Human, Rat
Specificity/Sensitivity	UBE2C - ubiquitin-conjugating enzyme E2C
Immunogen	UBE2C (NP_008950, 70 a.a. ~ 179 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. AGTVYEDLRYKLSLEFPSGYPYNAPT VKFLTPCYHPNVD TQGNICLDILKEKWS ALYDVRTILLSIQSLLGEPNIDSPLNTHAAELWKNPTAFKKYLQETYSKQVTSQE P
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence, immunohistochemistry (paraffin), and ELISA.

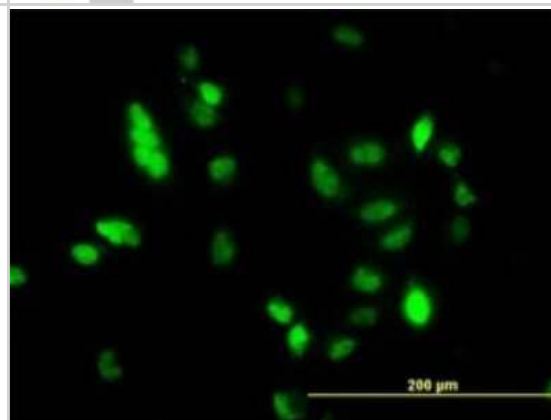


## Images

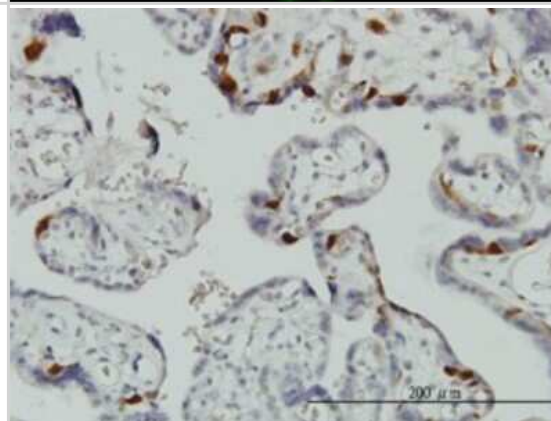
Western Blot: Ubch10/UBE2C Antibody (9D3) [H00011065-M01] - UBE2C monoclonal antibody (M01), clone 9D3 Analysis of UBE2C expression in HeLa.



Immunocytochemistry/Immunofluorescence: Ubch10/UBE2C Antibody (9D3) [H00011065-M01] - Analysis of monoclonal antibody to UBE2C on HeLa cell. Antibody concentration 10 ug/ml.



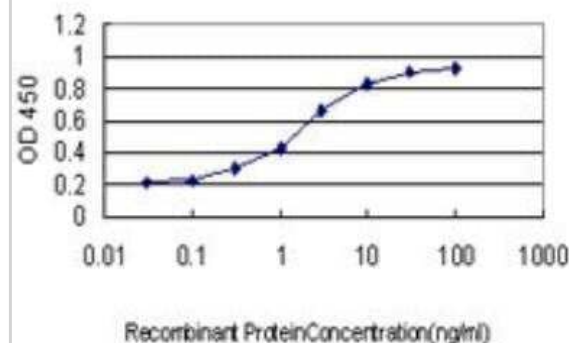
Immunohistochemistry-Paraffin: Ubch10/UBE2C Antibody (9D3) [H00011065-M01] - Analysis of monoclonal antibody to UBE2C on formalin-fixed paraffin-embedded human placenta. Antibody concentration 3 ug/ml.



Western Blot: Ubch10/UBE2C Antibody (9D3) [H00011065-M01] - 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.



ELISA: Ubch10/UBE2C Antibody (9D3) [H00011065-M01] - Detection limit for recombinant GST tagged UBE2C is approximately 0.03ng/ml as a capture antibody.



## Publications

Pei-Feng L, Chun-Feng C, Chih-Wen S et al. UBE2C is a Potential Biomarker for Tumorigenesis and Prognosis in Tongue Squamous Cell Carcinoma. *Diagnostics (Basel)*. 2020-09-04 [PMID: 32899896]

An-Jen C, Chia-Jung L, Kuan-Hao T et al. UBE2C Drives Human Cervical Cancer Progression and Is Positively Modulated by mTOR. *Biomolecules*. 2020-12-30 [PMID: 33396624]

Lin SL, Yeh JL, Tsai PC et al. Inhibition of Neointima Hyperplasia, Inflammation, and Reactive Oxygen Species in Balloon-Injured Arteries by HVJ Envelope Vector-Mediated Delivery of Superoxide Dismutase Gene. *Transl Stroke Res* 2018-09-06 [PMID: 30191468]

Mo CH, Gao L, Zhu XF et al. The clinicopathological significance of UBE2C in breast cancer: a study based on immunohistochemistry, microarray and RNA-sequencing data. *Cancer Cell Int* 2017-09-25 [PMID: 29021715]

Guo L, Ding Z, Huang N et al. Forkhead Box M1 positively regulates UBE2C and protects glioma cells from autophagic death. *Cell Cycle* 2017-08-02 [PMID: 28767320]

Castelblanco E, Zafon C, Maravall J et al. APLP2, RRM2 and PRC1: new putative markers for the differential diagnosis of thyroid follicular lesions. *Thyroid* 2016-10-31 [PMID: 27796194]

Jiang L, Wang T, Bao Y et al. A study of Ubch10 expression and its association with recurrence of meningiomas. *J Surg Oncol*. 2011-11-17 [PMID: 22095464]

Fristrup N, Birkenkamp-Demtroder K, Reinert T et al. Multicenter Validation of Cyclin D1, MCM7, TRIM29, and UBE2C as Prognostic Protein Markers in Non-Muscle Invasive Bladder Cancer. *Am J Pathol*. 2012-11-28 [PMID: 23201130]

Morikawa T, Kawai T, Abe H et al. UBE2C is a marker of unfavorable prognosis in bladder cancer after radical cystectomy. *Int J Clin Exp Pathol*. 2013-06-15 [PMID: 23826418]

Guo JC, Li J, Yang YC et al. Oligonucleotide Microarray Identifies Genes Differentially Expressed during Tumorigenesis of DMBA-Induced Pancreatic Cancer in Rats. *PLoS One*. 2013-12-23 [PMID: 24376604]

Chou Chen-Pin, Huang Nan-Chieh, Jhuang Shu-Jhen et al. Ubiquitin-conjugating enzyme UBE2C is highly expressed in breast microcalcification lesions. *PLoS One*. 2014-04-03 [PMID: 24699941] (WB, Human)

Chen S, Chen Y, Hu C, et al. Association of clinicopathological features with Ubch10 expression in colorectal cancer. *J Cancer Res Clin Oncol*. 2009-09-25 [PMID: 19779934]

More publications at <http://www.novusbio.com/H00011065-M01>





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### **Products Related to H00011065-M01**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-35090-10ug	Recombinant Human UbchH10/UBE2C His (N-Term) Protein

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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