

Mouse anti-Human UBE2C Monoclonal Antibody | anti-UBE2C antibody

UBE2C (Ubiquitin-conjugating Enzyme E2 C, UbcH10, Ubiquitin Carrier Protein C, Ubiquitin-protein Ligase C, dJ447F3.2) (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25287	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

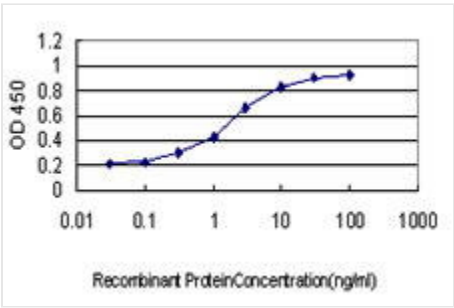
PRODUCT SYNONYMS

UBE2C; Monoclonal Antibody; UBE2C (Ubiquitin-conjugating Enzyme E2 C; UbcH10; Ubiquitin Carrier Protein C; Ubiquitin-protein Ligase C; dJ447F3.2) (FITC); EC=6.3.2.19; anti-UBE2C antibody

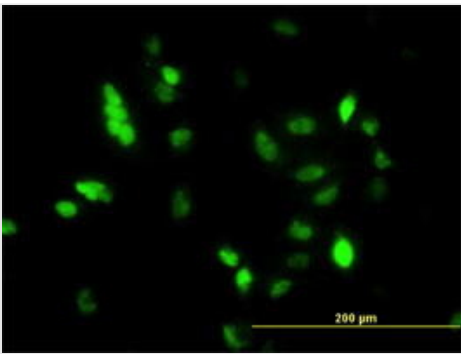
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	9D3
Specificity	Recognizes human UBE2C.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-UBE2C antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa70-180 from human UBE2C (NP_008950) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	AGTVYEDLRYKLSLEFSPGYPNAPT VKFLTPCYHPNVD TQGNICLDILKEKWSALYDVRTILLSIQSLLGEPNIDSPLNTHAAELWKNPTAFKKYLQETYSK
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to re-capping.

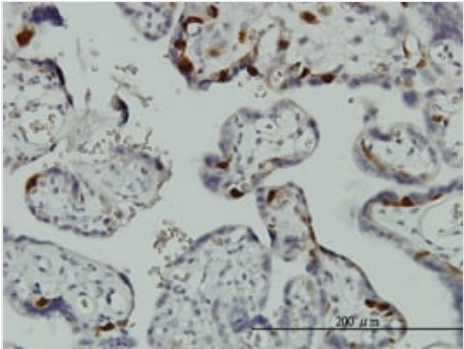
IMAGES



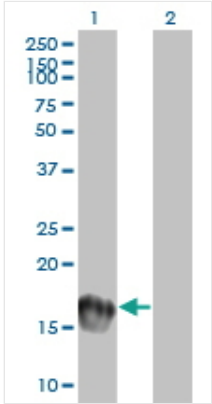
Application Data
Detection limit for recombinant GST tagged UBE2C is ~0.03ng/ml as a capture antibody.



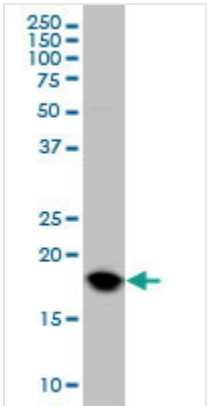
IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to UBE2C on HeLa cell. [antibody concentration 10ug/ml].



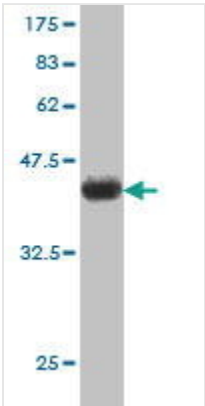
IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to UBE2C on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3ug/ml].



WB (Western Blot)
Western Blot analysis of UBE2C expression in transfected 293T cell line by UBE2C monoclonal antibody. Lane 1: UBE2C transfected lysate (19.7kD). Lane 2: Non-transfected lysate.



WB (Western Blot)
UBE2C monoclonal antibody, Western Blot analysis of UBE2C expression in HeLa.



WB (Western Blot)
Western Blot detection against Immunogen (38.21kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-UBE2C antibody	Antibodies; Ubiquitin
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5902146
NCBI GeneID	11065

NCBI Accession #	NP_008950
NCBI GenBank Nucleotide #	NM_007019
UniProt Accession #	O00762 ; A6NP33 ; E1P5N7 ; G3XAB7
Molecular Weight	22.1 kDa (202aa), confirmed by MALDI-TOF
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 C isoform 1
NCBI Official Synonym Full Names	ubiquitin conjugating enzyme E2 C
NCBI Official Symbol	UBE2C
NCBI Official Synonym Symbols	UBCH10; dJ447F3.2
NCBI Protein Information	ubiquitin-conjugating enzyme E2 C
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 C
UniProt Gene Name	UBE2C
UniProt Synonym Gene Names	UBCH10
UniProt Entry Name	UBE2C_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ube2c-antibody-clone-9d3-immunofluorescence-immunohistochemistry-western-blot-elisa/25287>