

Mouse anti-Human UBE2S Monoclonal Antibody | anti-UBE2S antibody

UBE2S antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48067	Mouse	Human	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA

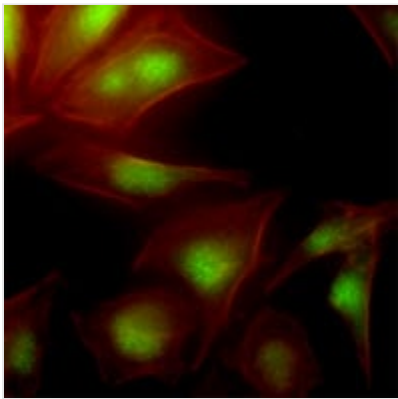
PRODUCT SYNONYMS

UBE2S; Monoclonal Antibody; UBE2S antibody; ubiquitin-conjugating enzyme E2S; E2-EPF; E2EPF; EPF5; ubiquitin-conjugating enzyme E2S AA409170; MGC101982; uBE2S; ubiquitin carrier protein S; ubiquitin protein ligase S; ubiquitin conjugating enzyme E2 24 kD; ubiquitin conjugating enzyme E2S; ; anti-UBE2S antibody

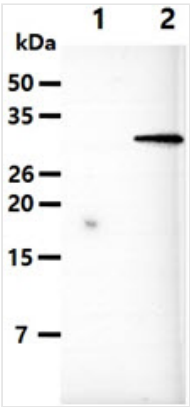
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a, k
Clone Number	AT2C12
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	222
Applicable Applications for anti-UBE2S antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human UBE2S (1-222aa) purified from E. coli
Clone Note	Anti-human UBE2S mAb, clone AT2C12, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human UBE2S protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of human HeLa cells stained with Phalloidin-TRITC (Red) for Actin staining and monoclonal anti-human UBE2S antibody (1:500) with Alexa 488 (Green).



WB (Western Blot)
The Cell lysates (10ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human UBE2S antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: 293T cell lysate Lane 2.: UBE2S transfected 293T cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-UBE2S antibody	UBE2S, also known as ubiquitin-conjugating enzyme E2S, is a member of the ubiquitin-conjugating enzyme family. This protein is able to form a thiol ester linkage with ubiquitin in an ubiquitin activating enzyme-dependent manner, a characteristic property of ubiquitin carrier proteins. It catalyzes the covalent attachment of ubiquitin to other proteins.
Product Categories/Family for anti-UBE2S antibody	Ubiquitination
References	Ye Y, et al. (2009) Nat Rev Mol Cell Biol, 10 (11):755-64.; Windheim M, et al. (2008) Biochem J, 409 (3):723-9.

NCBI AND UNIPROT INFORMATION

NCBI GI #	112382377
NCBI GeneID	27338
NCBI Accession #	NP_055316.2
NCBI GenBank Nucleotide #	NM_014501.2
UniProt Accession #	Q16763; Q9BTC1
Molecular Weight	23,845 Da
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 S
NCBI Official Synonym Full Names	ubiquitin conjugating enzyme E2 S
NCBI Official Symbol	UBE2S
NCBI Official Synonym Symbols	EPF5; E2EPF; E2-EPF
NCBI Protein Information	ubiquitin-conjugating enzyme E2 S
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 S
UniProt Gene Name	UBE2S
UniProt Synonym Gene Names	E2EPF

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.

