

Mouse anti-Human OTUB1 Monoclonal Antibody | anti-OTUB1 antibody

OTUB1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48197	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

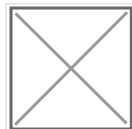
PRODUCT SYNONYMS

OTUB1; Monoclonal Antibody; OTUB1 antibody; ubiquitin thioesterase Otubain 1; OTB1; OTu1; ubiquitin thioesterase Otubain 1 Deubiquitinating enzyme OTuB1; OTu domain containing ubiquitin aldehyde binding protein 1; Otubain 1; ubiquitin specific processing protease OTuB1; ubiquitin thioesterase OTuB1.; anti-OTUB1 antibody

PRODUCT SPECIFICATIONS

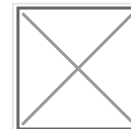
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	AT17E10
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	271
Applicable Applications for anti-OTUB1 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human OTUB1 (1-271aa) purified from E. coli
Clone Note	Anti-human OTUB1 mAb, clone AT17E10, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human OTUB1 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)

ICC/IF analysis of OTUB1 in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human OTUB1 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The Cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human OTUB1 antibody (1:5000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1. : A549 cell lysate Lane 2. : HeLa cell lysate Lane 3. : HepG2 cell lysate Lane 4. : 293T cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-OTUB1 antibody	Otubain 1, also known as OTUB1, is a member of the OTU (ovarian tumor) superfamily of predicted cysteine proteases and inhibits cytokine gene transcription in the immune system via its interaction with an ubiquitin protease and E3 ubiquitin ligase. This protein is a highly specific ubiquitin iso-peptidase, and cleaves ubiquitin from branched poly-ubiquitin chains but not from ubiquitinated substrates. It is proposed to function in specific ubiquitin-dependent pathways, possibly by providing an editing function of polyubiquitin chain growth.
Product Categories/Family for anti-OTUB1 antibody	Enzymes & Proteases
References	Balakirev MY., et al. (2003) EMBO Rep. 4 (5): 5175-5122.; Soares L., et al. (2004) Nat Immunol. 5 (1): 45-54.

NCBI AND UNIPROT INFORMATION

NCBI GI #	109148508
NCBI GeneID	55611
NCBI Accession #	NP_060140
NCBI GenBank Nucleotide #	NM_017670.2
UniProt Accession #	Q96FW1; Q32Q78; Q96II3; Q9NXQ4; Q9P0B8
Molecular Weight	35,285 Da
NCBI Official Full Name	ubiquitin thioesterase OTUB1
NCBI Official Synonym Full Names	OTU deubiquitinase, ubiquitin aldehyde binding 1
NCBI Official Symbol	OTUB1
NCBI Official Synonym Symbols	OTB1; OTU1; HSPC263
NCBI Protein Information	ubiquitin thioesterase OTUB1
UniProt Protein Name	Ubiquitin thioesterase OTUB1
UniProt Gene Name	OTUB1
UniProt Synonym Gene Names	OTB1; OTU1; hOTU1

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/otub1-antibody-clone-at17e10-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/48197>