

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

TBCEL antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48171	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

TBCEL; Monoclonal Antibody; TBCEL antibody; Tubulin-specific chaperone cofactor E-like protein; EI; LRRC35; anti-TBCEL antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	AT1B10
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	424
Applicable Applications for anti-TBCEL antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human TBCEL (1-424aa) purified from E. coli
Clone Note	Anti-human TBCEL mAb, clone AT1B10, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human TBCEL 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 TBCEL in PC3 cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human TBCEL antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The Recombinant Human TBCEL (50ng) and Cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human TBCEL antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: Recombinant Human TBCEL Lane 2.: PC3 cell lysate Lane 3.: LNCap cell lysate Lane 4 : 293T cell lysate Lane 5.: Mouse testis lysate Lane 6.: Mouse Kidney lysate

ADDITIONAL INFORMATION

Related Product Information for anti-TBCEL antibody	Tubulin-specific chaperone cofactor E-like protein, also known as TBCEL, is a factor that regulates the microtubule cytoskeleton in determining cell behavior.
Product Categories/Family for anti-TBCEL antibody	Cytoskeleton
References	Bartolini F., et al. (2005) J Biomed Sci. 118: 1197-1207.; Ota T., et al. (2004) Nat Genet. 36: 40-45.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194239699
NCBI GeneID	219899
NCBI Accession #	NP_689928
NCBI GenBank Nucleotide #	NM_152715.4
UniProt Accession #	Q5QJ74; Q0VAN6
Molecular Weight	48,195 Da
NCBI Official Full Name	tubulin-specific chaperone cofactor E-like protein
NCBI Official Synonym Full Names	tubulin folding cofactor E like
NCBI Official Symbol	TBCEL
NCBI Official Synonym Symbols	EI; LRRC35
NCBI Protein Information	tubulin-specific chaperone cofactor E-like protein
UniProt Protein Name	Tubulin-specific chaperone cofactor E-like protein
UniProt Gene Name	TBCEL
UniProt Synonym Gene Names	LRRC35; EL

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/tbcel-antibody-clone-at1b10-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/48171>