## NKMAXBio We support you, we believe in your research

# **Human TBCEL antibody**

Catalog Number: ATGA0351

## **PRODUCT INFORMATION**

## Catalog number

ATGA0351

#### Clone No.

AT1B10

## **Product type**

Monoclonal Antibody

#### UnitProt No.

Q5QJ74

#### **NCBI Accession No.**

NP 689928

#### **Alternative Names**

Tubulin-specific chaperone cofactor E-like protein, El, LRRC35

## **PRODUCT SPECIFICATION**

### **Antibody Host**

Mouse

#### **Reacts With**

Human

#### Concentration

1mg/ml (determined by BCA assay)

#### **Formulation**

Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

#### **Immunogen**

Recombinant human TBCEL (1-424aa) purified from E. coli

#### Isotype

IgG2b kappa

## **Purification Note**

By protein-A affinity chromatography

## **Application**

ELISA, WB, ICC/IF, FACS

#### Usage

The antibody has been tested by ELISA, Western blot, ICC/IF and FACS analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.



# NKMAXBIO We support you, we believe in your research

## **Human TBCEL antibody**

Catalog Number: ATGA0351

#### **Storage**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

### **BACKGROUND**

### **Description**

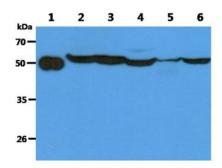
Tubulin-specific chaperone cofactor E-like protein, also known as TBCEL, is a factor that regulates the microtubule cytoskeleton in determining cell behavior.

#### **General References**

Bartolini F., et al. (2005) J Biomed Sci. 118: 1197-1207. Ota T., et al. (2004) Nat Genet. 36: 40-45.

#### **DATA**

## Western blot analysis (WB)

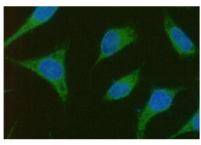


The Recombinant Human TBCEL (50ng) and Cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human TBCEL antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

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

## Immunocytochemistry/Immunofluorescence (ICC/IF)



ICC/IF analysis of TBCEL in PC3 cells. The cell was stained with ATGA0351 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

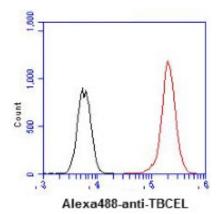
Flow cytometry (FACS)



# NKMAXBio We support you, we believe in your research

# **Human TBCEL antibody**

Catalog Number: ATGA0351



Flow cytometry analysis of TBCEL in PC3 cell line, staining at 2-5ug for 1x10^6cells (red line). The secondary antibody used goat anti-mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was mouse IgG (black line).

