

For Research Use Only

# TCEAL7 Recombinant monoclonal antibody

Catalog Number: 87945-1-RR



## Basic Information

<b>Catalog Number:</b> 87945-1-RR	<b>GenBank Accession Number:</b> BC016786	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 56849	<b>CloneNo.:</b> 253550E9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9BRU2	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000
<b>Isotype:</b> IgG	<b>Full Name:</b> transcription elongation factor A (SII)-like 7	
<b>Immunogen Catalog Number:</b> EG5177	<b>Calculated MW:</b> 12 kDa	
	<b>Observed MW:</b> 12 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : LN-229 cells,
<b>Species Specificity:</b> human	

## Background Information

TCEAL7 is a transcription regulatory factor that has a role in the negative regulation of NF-kappa-B signaling at the basal level by regulating transcriptional activity of NF-kappa-B on its target gene promoters. It can associate with cyclin D1 promoter containing Myc E-box sequence and transcriptionally represses cyclin D1 expression. In addition, TCEAL7 regulates telomerase reverse transcriptase expression and telomerase activity in both ALT (alternative lengthening of telomeres) and telomerase-positive cell lines. This antibody can detect a band around 12 kDa, which corresponds to the calculated molecular weight.

## Storage

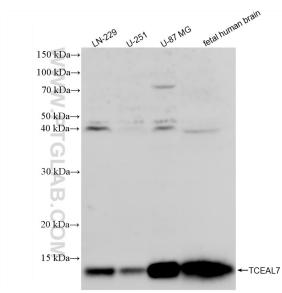
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87945-1-RR (TCEAL7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.