

For Research Use Only

# TCEB1 Monoclonal antibody

Catalog Number: 68164-1-Ig



## Basic Information

<b>Catalog Number:</b> 68164-1-Ig	<b>GenBank Accession Number:</b> BC013809	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6921	<b>CloneNo.:</b> 2D6D8
<b>Source:</b> Mouse	<b>Full Name:</b> transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C)	<b>Recommended Dilutions:</b> IF 1:400-1:1600
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 112 aa, 12 kDa	
<b>Immunogen Catalog Number:</b> AG22601	<b>Observed MW:</b> 12 kDa	

## Applications

**Tested Applications:**  
IF, WB, ELISA

**Species Specificity:**  
Human, mouse, rat

### Positive Controls:

**WB:** LNCaP cells, HeLa cells. HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, rat brain tissue, mouse brain tissue

**IF:** T-47D cells,

## Background Information

TCEB1, also named as RNA polymerase II transcription factor SIII subunit C, belongs to the SKP1 family. It mediates the ubiquitination of ECS-E3 ubiquitin-protein ligase complexes. TCEB1 is overexpressed in prostate cancer cell line PC-3 and breast cancer cell line SK-BR-3. TCEB1 also promotes invasion of prostate cancer cells (PMID:18844214).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

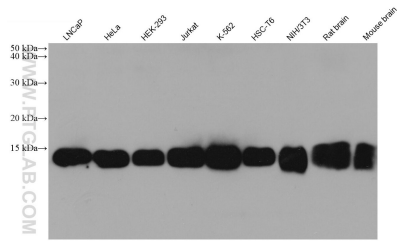
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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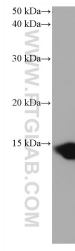
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68164-1-Ig (TCEB1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



LNCaP cells were subjected to SDS PAGE followed by western blot with 68164-1-Ig (TCEB1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.