

For Research Use Only

# TBL2 Monoclonal antibody

Catalog Number: 66307-1-Ig **1 Publications**



## Basic Information

<b>Catalog Number:</b> 66307-1-Ig	<b>GenBank Accession Number:</b> BC012938	<b>Purification Method:</b> Thiophilic affinity chromatograph
<b>Size:</b> 500 µg/ml	<b>GeneID (NCBI):</b> 26608	<b>CloneNo.:</b> 1D5C2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9Y4P3	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IHC 1:50-1:500
<b>Isotype:</b> IgA	<b>Full Name:</b> transducin (beta)-like 2	
<b>Immunogen Catalog Number:</b> AG24225	<b>Calculated MW:</b> 446 aa, 50 kDa	
	<b>Observed MW:</b> 50 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB, IHC	<b>WB :</b> MCF-7 cells, COLO 320 cells, Jurkat cells
<b>Species Specificity:</b> human	<b>IHC :</b> human liver tissue, human colon tissue
<b>Cited Species:</b> human	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

TBL2 belongs to a member of the beta-transducin protein family. This gene is commonly deleted in Williams-Beuren syndrome, a developmental disorder with multi-system manifestations caused by haploinsufficiency for contiguous genes deleted in chromosome region 7q11.23. TBL2 encodes a protein with four putative WD40 repeats, which may be involved in some intracellular signaling pathway.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiuqing Lu	39499734	Adv Sci (Weinh)	WB,IHC

## 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

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

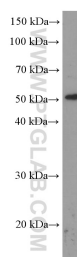
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

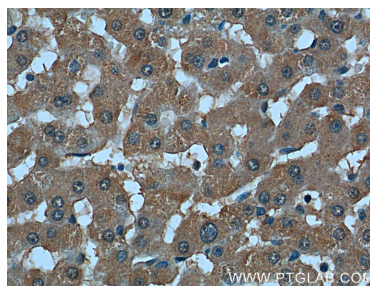
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## Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 66307-1-Ig (TBL2 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66307-1-Ig (TBL2 Antibody) at dilution of 1:200 (under 40x lens).