

For Research Use Only

# TPRKB Monoclonal antibody

Catalog Number: 66402-1-Ig



## Basic Information

<b>Catalog Number:</b> 66402-1-Ig	<b>GenBank Accession Number:</b> BC029492	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1300 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 51002	<b>CloneNo.:</b> 2D5B9
<b>Source:</b> Mouse	<b>Full Name:</b> TP53RK binding protein	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IF 1:400-1:1600
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 175 aa, 20 kDa	
<b>Immunogen Catalog Number:</b> AG18770	<b>Observed MW:</b> 18-20 kDa	

## Applications

<b>Tested Applications:</b> IF, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> HeLa cells, HEK-293 cells, COLO 320 cells, Caco-2 cells, Jurkat cells, Raji cells
	<b>IF :</b> Jurkat cells,

## Background Information

TPRKB, also named as CGI 121, belongs to the CGI121/TPRKB family. It interacts with TP53RK/PRPK and is widely expressed in all tissues.

## 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

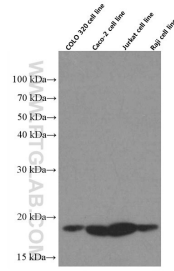
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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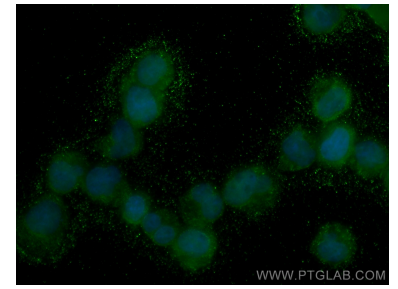
## Selected Validation Data



Western blot analysis of TPRKB in various cell lines using Proteintech antibody 66402-1-Ig at a dilution of 1:2000 incubated at room temperature for 1.5 hours.



Various cells were subjected to SDS PAGE followed by western blot with 66402-1-Ig (TPRKB Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using TPRKB antibody (66402-1-Ig, Clone: 2D5B9) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).