

For Research Use Only

# RPL6 Monoclonal antibody

Catalog Number: 67729-1-Ig



## Basic Information

<b>Catalog Number:</b> 67729-1-Ig	<b>GenBank Accession Number:</b> BC004138	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6128	<b>CloneNo.:</b> 3F6F8
<b>Source:</b> Mouse	<b>Full Name:</b> ribosomal protein L6	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF 1:200-1:800
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 33 kDa	
<b>Immunogen Catalog Number:</b> AG6840	<b>Observed MW:</b> 34 kDa	

## Applications

<b>Tested Applications:</b> IF, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human, mouse, rat	<b>WB :</b> A549 cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, PC-12 cells, NIH/3T3 cells, 4T1 cells
	<b>IF :</b> L02 cells,

## Background Information

Ribosomes are large multiple protein complexes which is composed of more than 80 components and provide a protein-synthesizing machinery for all living cells. Ribosomal protein like 6 (RPL6, also called Taxreb107 for Tax responsive element binding protein 107), one of the ribosomal components, can bind with the Tax responsive element of human T cell leukemia virus (HTLV)-I in addition to be assembled to ribosomes [PMID:12031506]. Overexpressed in gastric cancer could promote cell growth and cell cycle progression at least through upregulating cyclin E expression [PMID:20171175].

## 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.

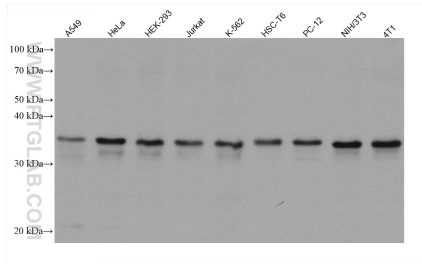
Aliquoting is unnecessary for -20°C storage

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

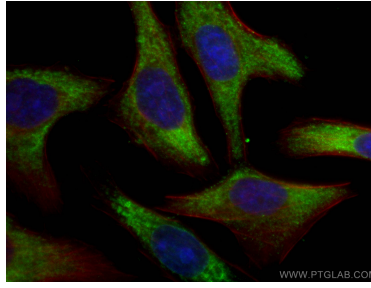
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67729-1-Ig (RPL6 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed L02 cells using RPL6 antibody (67729-1-Ig, Clone: 3F6F8 ) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).