

For Research Use Only

# RPS12 Monoclonal antibody, PBS Only



Catalog Number: 67683-1-PBS

## Basic Information

<b>Catalog Number:</b> 67683-1-PBS	<b>GenBank Accession Number:</b> BC017321	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6206	<b>CloneNo.:</b> 1A3D1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P25398	
<b>Isotype:</b> IgG1	<b>Full Name:</b> ribosomal protein S12	
<b>Immunogen Catalog Number:</b> AG9649	<b>Calculated MW:</b> 132 aa, 15 kDa	
	<b>Observed MW:</b> 15 kDa	

## Applications

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

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

## Background Information

RPS12 (ribosomal protein S12) is a plastid ribosomal protein which is a part of the 30S ribosomal subunit. Together with S4 and S5 plays an important role in translational accuracy.

## Storage

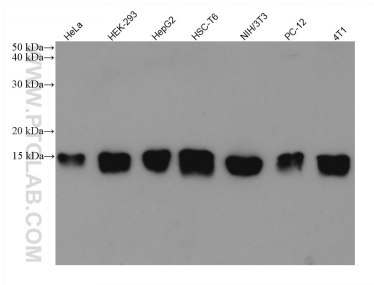
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

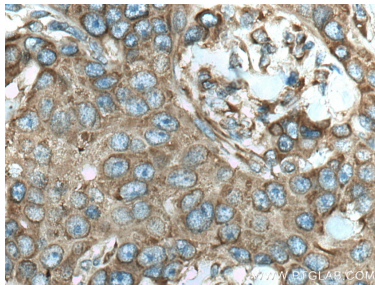
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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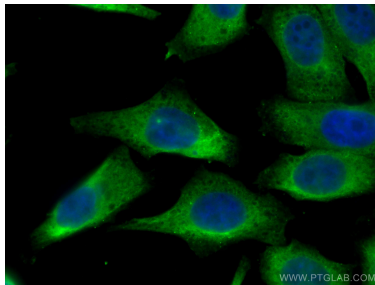
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67683-1-Ig (RPS12 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67683-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67683-1-Ig (RPS12 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67683-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using RPS12 antibody (67683-1-Ig, Clone: 1A3D1 ) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67683-1-PBS in a different storage buffer formulation.