

For Research Use Only

# RCL1 Monoclonal antibody, PBS Only

Catalog Number: 68221-1-PBS



## Basic Information

<b>Catalog Number:</b> 68221-1-PBS	<b>GenBank Accession Number:</b> BC001025	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10171	<b>CloneNo.:</b> 1D1B3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9Y2P8	
<b>Isotype:</b> IgG1	<b>Full Name:</b> RNA terminal phosphate cyclase-like 1	
<b>Immunogen Catalog Number:</b> AG7058	<b>Calculated MW:</b> 41 kDa	
	<b>Observed MW:</b> 41 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
Human, Mouse, Rat

## Background Information

RNA 3'-terminal phosphate cyclase-like protein (RCL1) does not have cyclase activity. It plays a role in 40S-ribosomal-subunit biogenesis in the early pre-rRNA processing steps at sites A0, A1 and A2 that are required for proper maturation of the 18S RNA. RCL1 has two isoforms with the molecular weight of 41 kDa and 20 kDa.

## Storage

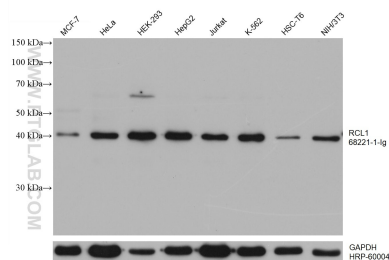
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68221-1-Ig (RCL1 antibody) at dilution of 1:20000 and incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 68221-1-PBS in a different storage buffer formulation.