

For Research Use Only

RCL1 Monoclonal antibody

Catalog Number: 68221-1-Ig



Basic Information

Catalog Number:

68221-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7058

GenBank Accession Number:

BC001025

GeneID (NCBI):

10171

UNIPROT ID:

Q9Y2P8

Full Name:

RNA terminal phosphate cyclase-like

1

Calculated MW:

41 kDa

Observed MW:

41 kDa

Purification Method:

Protein G purification

CloneNo.:

1D1B3

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Mouse, Rat

Positive Controls:

WB : MCF-7 cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells

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 -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:

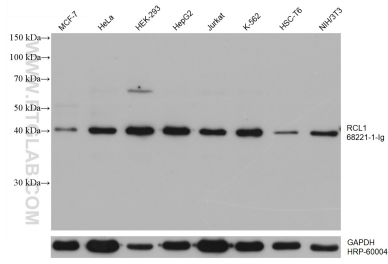
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Selected Validation Data



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.