

For Research Use Only

# LIG1 Monoclonal antibody, PBS Only

Catalog Number: 67840-1-PBS



## Basic Information

Catalog Number:

67840-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG12489

GenBank Accession Number:

BC108318

GeneID (NCBI):

3978

UNIPROT ID:

P18858

Full Name:

ligase I, DNA, ATP-dependent

Calculated MW:

919 aa, 102 kDa

Observed MW:

130 kDa

Purification Method:

Protein A purification

CloneNo.:

3D9G8

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human, mouse, rat

## Background Information

DNA ligase I (LIG1) joins DNA strand breaks during DNA replication and repair transactions and contributes to genome integrity. 67840-1-Ig is raised against the C-terminal 670-919 aa residues of the human DNA ligase 1.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

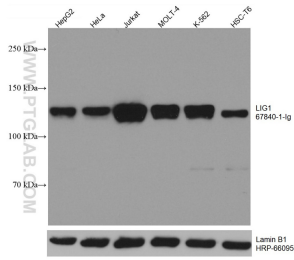
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67840-1-Ig (LIG1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control. This data was developed using the same antibody clone with 67840-1-PBS in a different storage buffer formulation.