

For Research Use Only

LIG1 Monoclonal antibody, PBS Only

Catalog Number: 67840-1-PBS



Basic Information

Catalog Number: 67840-1-PBS	GenBank Accession Number: BC108318	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3978	CloneNo.: 3D9G8
Source: Mouse	UNIPROT ID: P18858	
Isotype: IgG2b	Full Name: ligase I, DNA, ATP-dependent	
Immunogen Catalog Number: AG12489	Calculated MW: 919 aa, 102 kDa	
	Observed MW: 130 kDa	

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

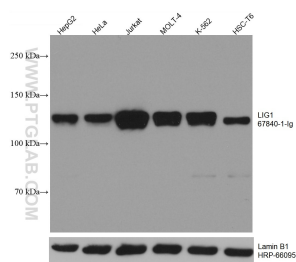
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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