

For Research Use Only

POLB Recombinant monoclonal antibody, PBS Only

Catalog Number: 86680-1-PBS



Basic Information

Catalog Number: 86680-1-PBS	GenBank Accession Number: BC100288	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5423	CloneNo.: 251689B8
Source: Rabbit	UNIPROT ID: P06746	
Isotype: IgG	Full Name: polymerase (DNA directed), beta	
Immunogen Catalog Number: AG12496	Calculated MW: 335 aa, 38 kDa	
	Observed MW: 38 kDa	

Applications

Tested Applications:
WB, IF-P, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

DNA polymerase β (DNA polymerase beta (POLB)) belongs to a member of the DNA polymerase X family, mainly involved in various biological metabolic processes, such as eukaryotic DNA replication, DNA damage repair, gene recombination, and cell cycle regulation (PMID: 38731327).

Storage

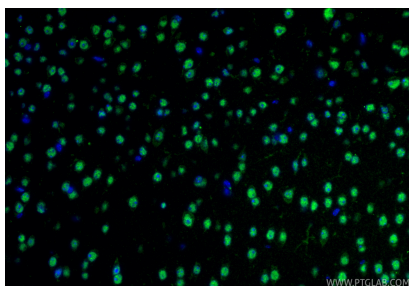
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

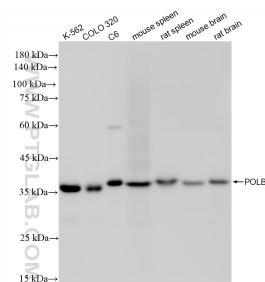
For technical support and original validation data for this product please contact:
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E: proteintech@ptglab.com
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using POLB antibody (86680-1-RR, Clone: 251689B8) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86680-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 86680-1-RR (POLB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86680-1-PBS in a different storage buffer formulation.