

For Research Use Only

# PKLR Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 86485-2-PBS



## Basic Information

Catalog Number:	86485-2-PBS	GenBank Accession Number:	BC025737	Purification Method:	Protein A purification
Size:	1000ug, Concentration: 1 mg/ml by Nanodrop;	GenelD (NCBI):	5313	CloneNo.:	251231B9
Source:	Rabbit	UNIPROT ID:	P30613	Full Name:	pyruvate kinase, liver and RBC
Isotype:	IgG	Calculated MW:	574 aa, 62 kDa		
Immunogen Catalog Number:	AG17933				

## Applications

Tested Applications:  
Sandwich ELISA, Indirect ELISA

Species Specificity:  
human

## Product Information

86485-2-PBS targets PKLR as part of a matched antibody pair:

MP02639-1: 86485-2-PBS capture and 86485-1-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

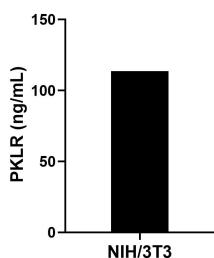
Storage:  
Store at -80°C.  
Storage Buffer:  
PBS only, pH7.3

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)

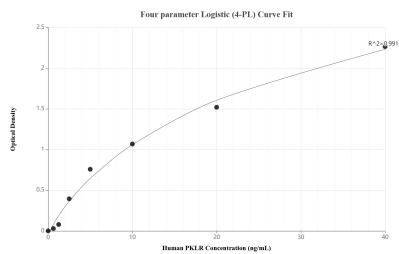
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



The mean PKLR concentration was determined to be 113.54 ng/mL in NIH/3T3 cell extract based on a 1.20 mg/mL extract load.



Sandwich ELISA standard curve of MPO2639-1, Human PKLR Recombinant Matched Antibody Pair - PBS only. 86485-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag17933. 86485-1-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL