

For Research Use Only

# PKLR Recombinant Matched Antibody Pair, PBS Only



Catalog Number: **MP02639-1**

## Capture Antibody Information

<b>Catalog Number:</b>	86485-2-PBS	<b>Clone ID:</b>	251231B9	<b>Conjugate:</b>
<b>Host:</b>	Rabbit	<b>Reactivity:</b>	human	<b>Unconjugated</b>
<b>Isotype:</b>	IgG	<b>Immunogen Catalog Number:</b>	Ag17933	<b>Full name:</b>
<b>Purification Method:</b>	Protein A purification			pyruvate kinase, liver and RBC
				<b>Gene ID:</b>
				5313

## Detection Antibody Information

<b>Catalog Number:</b>	86485-1-PBS	<b>Clone ID:</b>	251231F12	<b>Conjugate:</b>
<b>Host:</b>	Rabbit	<b>Reactivity:</b>	human	<b>Unconjugated</b>
<b>Isotype:</b>	IgG	<b>GenBank:</b>	BC025737	<b>Full name:</b>
<b>Purification Method:</b>	Protein A purification	<b>Immunogen Catalog Number:</b>	Ag17933	pyruvate kinase, liver and RBC
				<b>Gene ID:</b>
				5313

## Applications

<b>Tested Applications:</b>	Sandwich ELISA	<b>Range:</b>	0.625-40 ng/mL (Sandwich ELISA)	<b>Recommended Dilutions:</b>
				It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP02639-1 targets PKLR in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: PKLR Recombinant monoclonal antibody, PBS Only (Capture) 86485-2-PBS (251231B9). 100 µg. Concentration 1 mg/ml.

Detection antibody: PKLR Recombinant monoclonal antibody, PBS Only (Detector) 86485-1-PBS (251231F12). 100 µg. Concentration 1 mg/ml.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

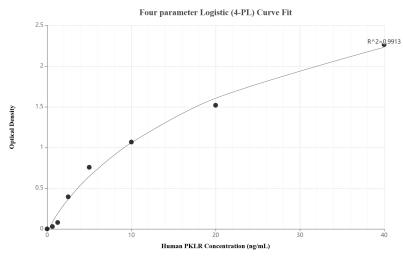
**Storage:**  
Store at -80°C.  
**Storage buffer:**  
PBS only

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)

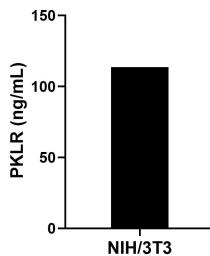
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



Sandwich ELISA standard curve of MP02639-1, 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.



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.