

For Research Use Only

# RILP Recombinant antibody, PBS Only (Capture)



Catalog Number: 82996-1-PBS

## Basic Information

<b>Catalog Number:</b> 82996-1-PBS	<b>GenBank Accession Number:</b> BC031621	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 83547	<b>CloneNo.:</b> 230208C5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96NA2	<b>Affinity:</b> $K_D = 1.30 \times 10^{-11}M$
<b>Isotype:</b> IgG	<b>Full Name:</b> Rab interacting lysosomal protein	$K_{off} = 2.17 \times 10^{-5}M$
<b>Immunogen Catalog Number:</b> AG4472	<b>Calculated MW:</b> 401 aa, 41 kDa	$K_{on} = 1.67 \times 10^6M$

## Applications

**Tested Applications:**  
Indirect ELISA, Cytometric bead array

**Species Specificity:**  
Human

## Product Information

82996-1-PBS targets RILP as part of a matched antibody pair:

MP00025-2: 82996-1-PBS capture and 82996-2-PBS detection (validated in Cytometric bead array)

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:**  
100% PBS pH 7.3

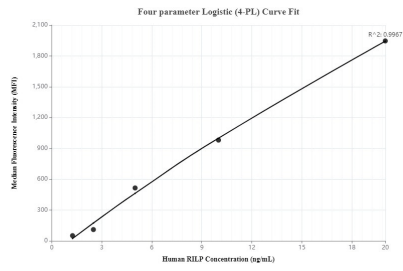
For technical support and original validation data for this product please contact:

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

## Selected Validation Data



Cytometric bead array standard curve of MP00025-2, RLP Recombinant Matched Antibody Pair - PBS only. Capture antibody: 82996-1-PBS. Detection antibody: 82996-2-PBS. Standard: Ag4472. Range: 1.25-20 ng/mL