

RILP Recombinant antibody, PBS Only (Detector)

Catalog Number: 82996-3-PBS

Basic Information

Catalog Number: 82996-3-PBS	GenBank Accession Number: BC031621	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 83547	CloneNo.: 230208G1
Source: Rabbit	UNIPROT ID: Q96NA2	Affinity: $K_D = 2.86 \times 10^{-10}M$
Isotype: IgG	Full Name: Rab interacting lysosomal protein	$K_{Off} = 1.30 \times 10^{-4}M$
Immunogen Catalog Number: AG4472	Calculated MW: 401 aa, 41 kDa	$K_{On} = 4.54 \times 10^5M$

Applications

Tested Applications:
Indirect ELISA, Cytometric bead array

Species Specificity:
Human

Product Information

82996-3-PBS targets RILP as part of a matched antibody pair:

MP00025-1: 82996-4-PBS capture and 82996-3-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

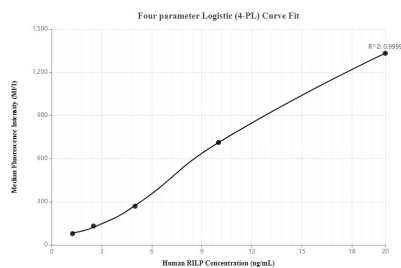
Storage:
Store at -80°C.

Storage Buffer:
100% PBS pH 7.3

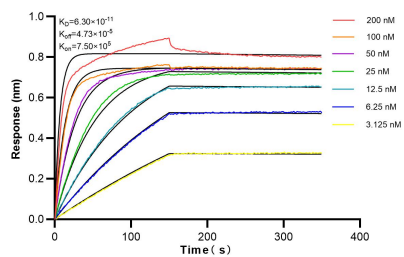
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Cytometric bead array standard curve of MP00025-1, RILP Recombinant Matched Antibody Pair - PBS only. Capture antibody: 82996-4-PBS. Detection antibody: 82996-3-PBS. Standard: Ag4472. Range: 1.25-20 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 82996-3-RR against Human RILP were performed. The affinity constant is 63 pM.