

For Research Use Only

# ROD1 Recombinant antibody, PBS Only (Capture)

Catalog Number:85061-1-PBS



## Basic Information

<b>Catalog Number:</b> 85061-1-PBS	<b>GenBank Accession Number:</b> BC044585	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9991	<b>CloneNo.:</b> 242641A6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O95758	
<b>Isotype:</b> IgG	<b>Full Name:</b> ROD1 regulator of differentiation 1 (S. pombe)	
<b>Immunogen Catalog Number:</b> AG5172	<b>Calculated MW:</b> 60 kDa	

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

85061-1-PBS targets ROD1 as part of a matched antibody pair:

MP01782-1: 85061-1-PBS capture and 85061-3-PBS detection (validated in Cytometric bead array)

MP01782-2: 85061-1-PBS capture and 85061-2-PBS detection (validated in Cytometric bead array, 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

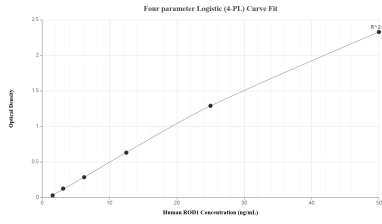
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

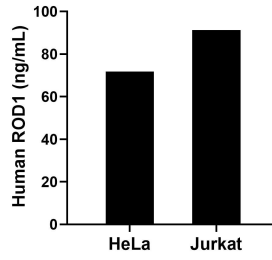
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

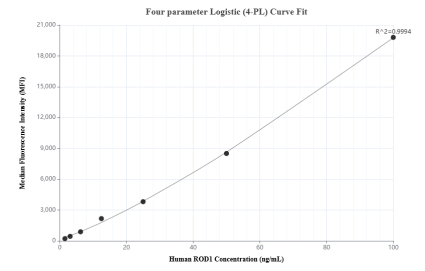
## Selected Validation Data



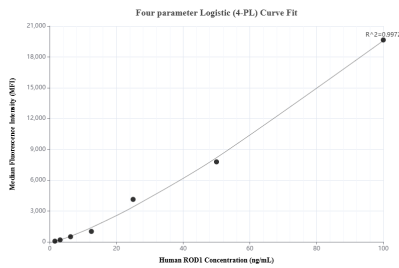
Sandwich ELISA standard curve of MP01782-2, Human ROD1 Recombinant Matched Antibody Pair - PBS only. 85061-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag5172. 85061-2-PBS was HRP conjugated as the detection antibody. Range: 1.56-50 ng/mL.



The mean ROD1 concentration was determined to be 71.78 ng/mL in HeLa cell extract based on a 1.50 mg/mL extract load and 91.18 ng/mL in Jurkat cell extract based on a 2.00 mg/mL extract load.



Cytometric bead array standard curve of MP01782-1, ROD1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85061-1-PBS. Detection antibody: 85061-3-PBS. Standard: Ag5172. Range: 1.563-100 ng/mL.



Cytometric bead array standard curve of MP01782-2, ROD1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85061-1-PBS. Detection antibody: 85061-2-PBS. Standard: Ag5172. Range: 1.563-100 ng/mL.