

For Research Use Only

# Rat Insulin1 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 67284-2-PBS



## Basic Information

<b>Catalog Number:</b> 67284-2-PBS	<b>GenBank Accession Number:</b> NM_019129.3	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug, Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 24505	<b>CloneNo.:</b> 2C12C5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P01322	
<b>Isotype:</b> IgG1	<b>Full Name:</b> insulin 1	
<b>Immunogen Catalog Number:</b> AG28809	<b>Calculated MW:</b> 12 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
rat

## Product Information

67284-2-PBS targets Insulin1 as part of a matched antibody pair:

MP50081-1: 67284-2-PBS capture and 67284-3-PBS detection (validated in Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

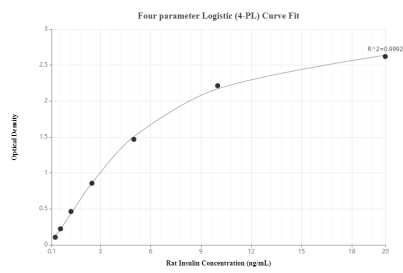
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

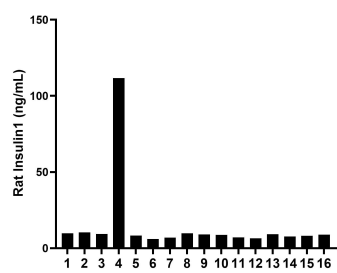
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected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



Sandwich ELISA standard curve of MP50081-1, Rat Insulin1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67284-2-PBS. Detection antibody: 67284-3-PBS. Standard: Ag28809. Range: 0.313-20 ng/mL



Serum of sixteen rats was measured. The Insulin1 concentration of detected samples was determined to be 14.84 ng/mL with a range of 6.03-111.72 ng/mL