

For Research Use Only

# Mouse CD83 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:83907-6-PBS



## Basic Information

Catalog Number:

83907-6-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG10435

GenBank Accession Number:

GeneID (NCBI):

12522

Full Name:

CD83 antigen

Purification Method:

Protein A purification

CloneNo.:

252734E11

## Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA

Species Specificity:

mouse

## Product Information

83907-6-PBS targets CD83 as part of a matched antibody pair:

MP00848-4: 83907-6-PBS capture and 83907-5-PBS detection (validated in 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, pH7.3

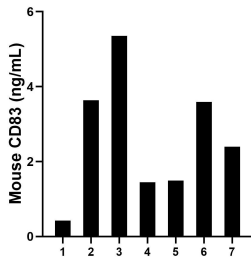
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

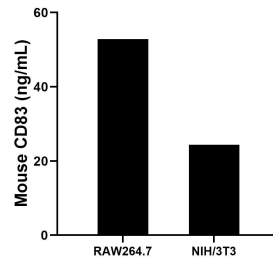
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

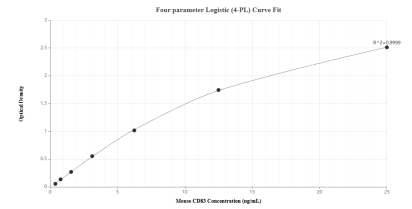
## Selected Validation Data



Serum of seven mice was measured. The mouse CD83 concentration of detected samples was determined to be 2.47 ng/mL with a range of 0.42 - 5.36 ng/mL.



The mean CD83 concentration was determined to be 52.81 ng/mL in RAW264.7 cell extract based on a 1.2 mg/mL extract load and 24.42 ng/mL in NIH/3T3 cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP00848-4, Mouse CD83 Recombinant Matched Antibody Pair - PBS only. 83907-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg10435. 83907-5-PBS was HRP conjugated as the detection antibody. Range: 0.39-25 ng/mL