

For Research Use Only

Mouse CD47 Recombinant antibody, PBS Only (Detector)

Catalog Number: 85958-4-PBS



Basic Information

Catalog Number:

85958-4-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1394

GenBank Accession Number:

NP_001355344.1

GeneID (NCBI):

16423

UNIPROT ID:

Q61735-1

Full Name:

CD47 antigen (Rh-related antigen,
integrin-associated signal transducer)

Calculated MW:

33 kDa

Purification Method:

Protein A purification

CloneNo.:

242850F4

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

mouse

Background Information

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

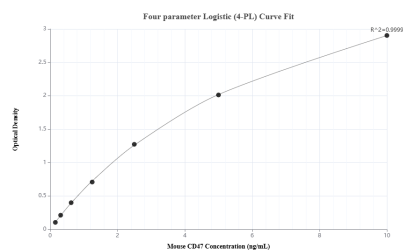
T: 4006900926

E: Proteintech-CN@ptglab.com

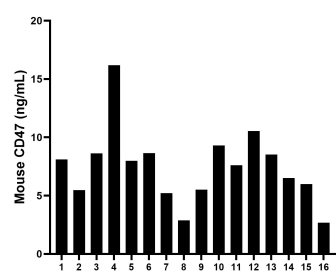
W: ptgcn.com

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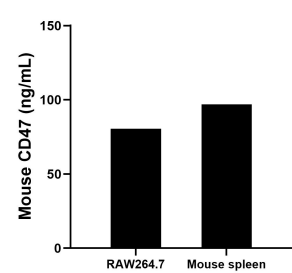
Selected Validation Data



Sandwich ELISA standard curve of MP02223-2, Mouse CD47 Recombinant Matched Antibody Pair - PBS only. 85958-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1394. 85958-4-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



Serum of sixteen mice was measured. The mouse CD47 concentration of detected samples was determined to be 7.49 ng/mL with a range of 2.67 - 16.18 ng/mL



The mean CD47 concentration was determined to be 80.59 ng/mL in RAW264.7 cell extract based on a 1.3 mg/mL extract load and 96.98 ng/mL in mouse spleen tissue extract based on a 8.4 mg/mL extract load.