

For Research Use Only

Mouse CD45 Recombinant antibody, PBS Only (Detector)

Catalog Number:83396-7-PBS



Basic Information

Catalog Number:

83396-7-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0845

GenBank Accession Number:

NM_001111316.2

GeneID (NCBI):

19264

UNIPROT ID:

P06800-4

Full Name:

protein tyrosine phosphatase,
receptor type, C

Calculated MW:

145 kDa

Purification Method:

Protein A purification

CloneNo.:

240920A8

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:

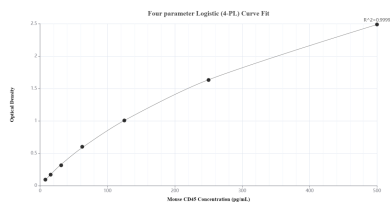
T: 4006900926

E: Proteintech-CN@ptglab.com

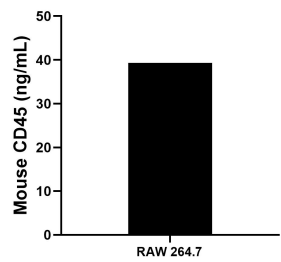
W: ptgcn.com

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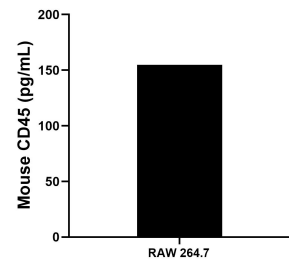
Selected Validation Data



Sandwich ELISA standard curve of MP00412-4, Mouse CD45 Recombinant Matched Antibody Pair - PBS only. 83396-14-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0845. 83396-7-PBS was HRP conjugated as the detection antibody. Range: 7.8-500 pg/mL.



The mean mouse CD45 concentration was determined to be 39.3 ng/mL in RAW 264.7 cell extract based on a 4.8 mg/mL extract load.



RAW 264.7 were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for mouse CD45, and measured 154.9 pg/mL.