

For Research Use Only

# Mouse ICAM-1/CD54 Recombinant antibody, PBS Only (Detector)

Catalog Number: 82827-5-PBS



## Basic Information

Catalog Number:

82827-5-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_010493

GeneID (NCBI):

15894

UNIPROT ID:

P13597

Full Name:

intercellular adhesion molecule 1

Calculated MW:

59 kDa

Purification Method:

Protein A purification

CloneNo.:

240249H8

## Applications

Tested Applications:

Cytometric bead array, 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

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

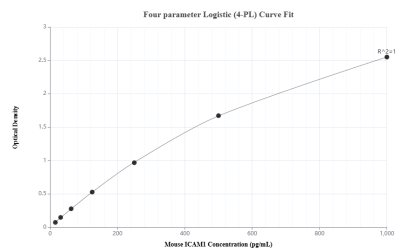
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

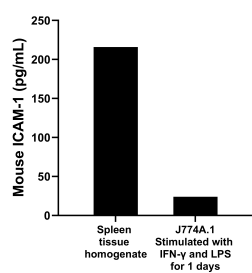
W: [ptgcn.com](http://ptgcn.com)

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

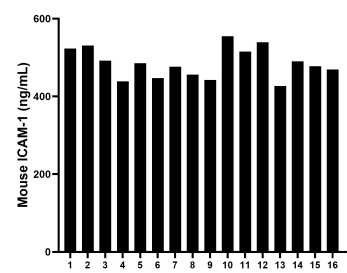
## Selected Validation Data



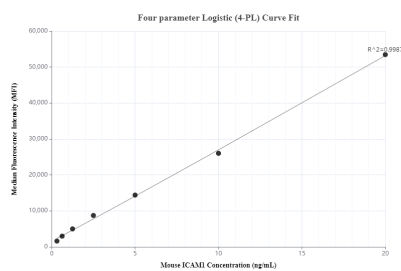
Sandwich ELISA standard curve of MP00543-4, Mouse ICAM-1/CD54 Recombinant Matched Antibody Pair - PBS only. 82827-9-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0482. 82827-5-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



Mouse spleen tissue homogenate was measured. The mouse ICAM-1/CD54 concentration of detected samples was determined to be 215.8 pg/mL. For the J774A.1 supernatant cultured for 1 days, the mean mouse ICAM-1 concentration was determined to be 21.58 pg/mL in IFN-γ and LPS stimulated J774A.1 supernatant.



Serum of sixteen mice was measured. The mouse ICAM-1/CD54 concentration of detected samples was determined to be 485.4 ng/mL with a range of 427.2 - 555.0 ng/mL.



Cytometric bead array standard curve of MP00543-2, MOUSE ICAM-1/CD54 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82827-7-PBS. Detection antibody: 82827-5-PBS. Standard: Eg0482. Range: 0.313-20 ng/mL