

For Research Use Only

Mouse ICAM-1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00543-4

Capture Antibody Information

Catalog Number:
82827-9-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240249C1

Reactivity:
mouse

GenBank:
NM_010493

Conjugate:
Unconjugated

Full name:
intercellular adhesion molecule 1

Gene ID:
15894

Detection Antibody Information

Catalog Number:
82827-5-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240249H8

Reactivity:
mouse

GenBank:
NM_010493

Conjugate:
Unconjugated

Full name:
intercellular adhesion molecule 1

Gene ID:
15894

Applications

Tested Applications:
Sandwich ELISA

Range:
15.6-1000 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP00543-4 targets ICAM-1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse ICAM1 Recombinant antibody, PBS Only (Capture) 82827-9-PBS (240249C1). 100 μ g. Concentration 1 mg/ml.

Detection antibody: Mouse ICAM1 Recombinant antibody, PBS Only (Detector) 82827-5-PBS (240249H8). 100 μ g. Concentration 1 mg/ml.

Alternative ICAM-1 matched antibody pairs: MP00028-1, MP00028-2, MP00028-3, MP00028-4, MP00028-5, MP00543-1, MP00543-2, MP00543-3, MP50085-1

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

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:

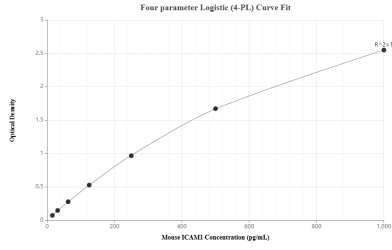
T: 4006900926

E: Proteintech-CN@ptglab.com

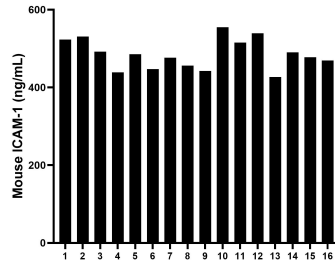
W: ptgcn.com

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

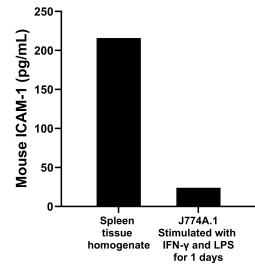
Selected Validation Data



Sandwich ELISA standard curve of MP00543-4, Mouse ICAM-1 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



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



Mouse spleen tissue homogenate was measured. The mouse ICAM-1 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.