

For Research Use Only

Rat CCL4/MIP-1 beta Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03044-1

Capture Antibody Information

Catalog Number:

87439-1-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

251973B10

Reactivity:

rat

Immunogen Catalog Number:

Eg3200

Conjugate:

Unconjugated

Full name:

chemokine (C-C motif) ligand 4

Gene ID:

116637

Detection Antibody Information

Catalog Number:

87439-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

251973A4

Reactivity:

rat

GenBank:

NM_053858.1

Immunogen Catalog Number:

Eg3200

Conjugate:

Unconjugated

Full name:

chemokine (C-C motif) ligand 4

Gene ID:

116637

Applications

Tested Applications:

Cytometric bead array

Range:

0.156-10 ng/mL (Cytometric Bead Array)

Recommended Dilutions:

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

Product Information

MP03044-1 targets CCL4/MIP-1 beta in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Rat CCL4/MIP-1 beta Recombinant monoclonal antibody, PBS Only (Capture) 87439-1-PBS (251973B10). 100 µg. Concentration 1 mg/ml.

Detection antibody: Rat CCL4/MIP-1 beta Recombinant monoclonal antibody, PBS Only (Detector) 87439-2-PBS (251973A4). 100 µg. Concentration 1 mg/ml.

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.

Storage buffer:

PBS only

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

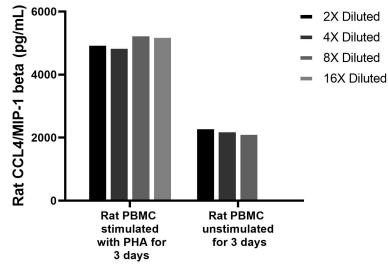
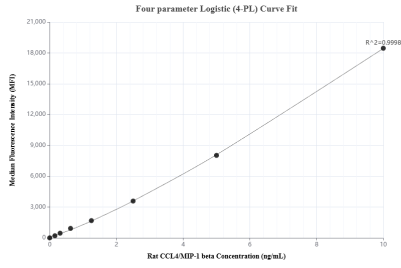
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Cytometric bead array standard curve of MP03044-1, RAT CCL4/MIP-1 beta Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87439-1-PBS. Detection antibody: 87439-2-PBS. Standard: Eg3200. Range: 0.156-10 ng/mL

Rat peripheral blood mononuclear cells (PBMC) (1.0×10^6 cells/mL) were cultured in DMEM supplemented with 8% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 μ g/mL streptomycin sulfate. Cells were cultured stimulated or unstimulated with 10 μ g/mL PHA for 3 days. Aliquots of the cell culture supernates were removed and assayed for levels of rat CCL4/MIP-1 beta, and measured 5102.7 pg/mL, 2247.5 pg/mL, respectively.