For Research Use Only

Rat CXCL10/IP-10 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03405-1

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Antibodies | ELISA kits | Proteins
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Capture Antibody Information

Catalog Number:
87894-3-PBS

Clone ID:
253486B4

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
rat

Full name:
chemokine (C-X-C motif) ligand 10

Isotype:
IgG

Immunogen Catalog Number:
Eg3208

Gene ID:
245920

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
87894-2-PBS

Clone ID:
253486A10

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
rat

Full name:
chemokine (C-X-C motif) ligand 10

Isotype:
IgG

GenBank:

Gene ID:
245920

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg3208

Applications

Tested Applications:
Sandwich ELISA

Range:
78.1-5000 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

MP03405-1 targets CXCL10/IP-10 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Rat CXCL10/IP-10 Recombinant monoclonal antibody, PBS Only (Capture) 87894-3-PBS (253486B4). 100 µg. Concentration 1 mg/ml.

Detection antibody: Rat CXCL10/IP-10 Recombinant monoclonal antibody, PBS Only (Detector) 87894-2-PBS (253486A10). 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.

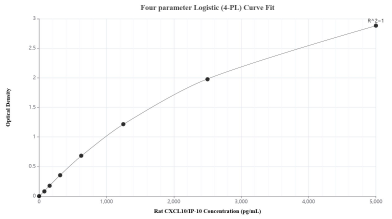
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

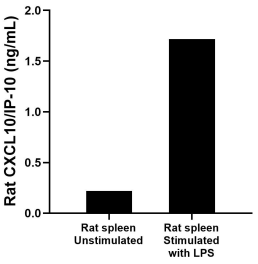
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 MP03405-1, Rat CXCL10/IP-10 Recombinant Matched Antibody Pair - PBS only. 87894-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3208. 87894-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



Rat spleen, cut into 1-2 mm pieces, was cultured in RPMI-1640 supplemented with 10% fetal bovine serum and unstimulated or stimulated with 5 ug/mL LPS for 3 days. The mean CXCL10/IP-10 concentration was determined to be 0.2 ng/mL in unstimulated rat spleen supernatant and 1.7 ng/mL in LPS stimulated rat spleen supernatant.