For Research Use Only

Rat CXCL10/IP-10 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:87894-3-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
87894-3-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG3208

GenBank Accession Number:

GeneID (NCBI):
245920

UNIPROT ID:
P48973

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

Calculated MW:
11 kDa

Purification Method:
Protein A purification

CloneNo.:
253486B4

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
rat

Product Information

87894-3-PBS targets CXCL10/IP-10 as part of a matched antibody pair:

MP03405-1: 87894-3-PBS capture and 87894-2-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

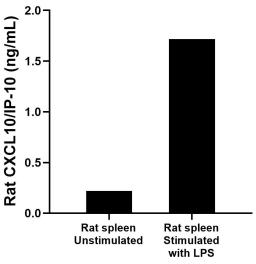
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

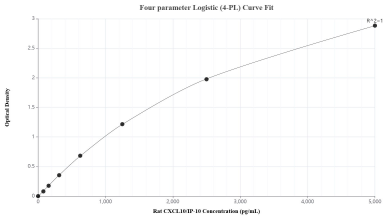
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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.



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.