For Research Use Only

Mouse CXCL16 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP02371-2

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Antibodies | ELISA kits | Proteins
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Capture Antibody Information

Catalog Number:
86301-3-PBS

Clone ID:
250308G3

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
chemokine (C-X-C motif) ligand 16

Isotype:
IgG

Immunogen Catalog Number:
Eg2846

Gene ID:
66102

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
86301-4-PBS

Clone ID:
250308F1

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
chemokine (C-X-C motif) ligand 16

Isotype:
IgG

GenBank:
NM_023158.6

Gene ID:
66102

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg2846

Applications

Tested Applications:
Sandwich ELISA

Range:
39.1-2500 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

MP02371-2 targets CXCL16 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse Cxcl16 Recombinant antibody, PBS Only (Capture) 86301-3-PBS (250308G3). 100 µg. Concentration 1 mg/ml.

Detection antibody: Mouse Cxcl16 Recombinant antibody, PBS Only (Detector) 86301-4-PBS (250308F1). 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.

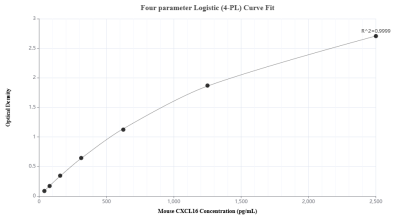
Storage

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

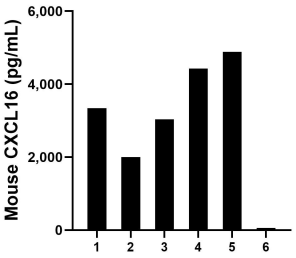
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

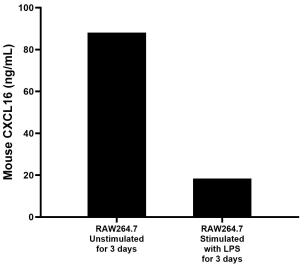
Selected Validation Data



Sandwich ELISA standard curve of MP02371-2, Mouse CXCL16 Recombinant Matched Antibody Pair - PBS only. 86301-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2846. 86301-4-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



Serum of six mice was measured. The mouse CXCL16 concentration of detected samples was determined to be 2,959.6 pg/mL with a range of 59.0 - 4,887.1 pg/mL.



RAW 264.7 mouse monocyte/macrophage cells (3.5 x 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 µg/mL streptomycin sulfate. Cells were cultured unstimulated or stimulated with 1 µg/mL LPS for 3 days. Aliquots of the cell culture supernates were removed, assayed for levels of mouse CXCL16, and measured 88.11 ng/mL and 18.43 ng/mL resepectively.