For Research Use Only

Mouse Cxcl16 Recombinant antibody, PBS Only (Detector)

Catalog Number:86301-4-PBS

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
86301-4-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG2846

GenBank Accession Number:
NM_023158.6

GeneID (NCBI):
66102

UNIPROT ID:
Q8BSU2

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

Calculated MW:
27 kDa

Purification Method:
Protein A purification

CloneNo.:
250308F1

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
mouse

Product Information

86301-4-PBS targets Cxcl16 as part of a matched antibody pair:

MP02371-2: 86301-3-PBS capture and 86301-4-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.

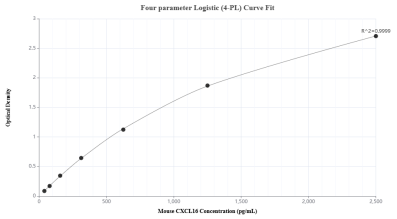
Storage

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

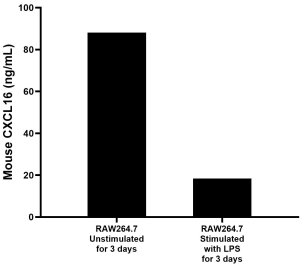
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

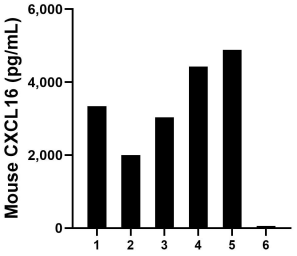
Selected Validation Data



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



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.



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.