

For Research Use Only

Rat CXCL1 Recombinant antibody, PBS Only (Capture)

Catalog Number:83745-4-PBS



Basic Information

Catalog Number: 83745-4-PBS	GenBank Accession Number: NM_030845.1	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 81503	CloneNo.: 240799G5
Source: Rabbit	UNIPROT ID: P14095	
Isotype: IgG	Full Name: chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)	
	Calculated MW: 10 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
rat

Background Information

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

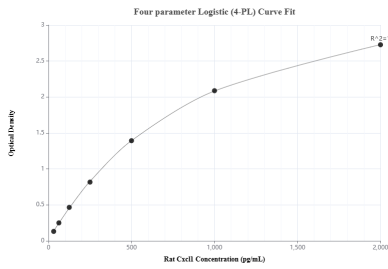
T: 4006900926

E: Proteintech-CN@ptglab.com

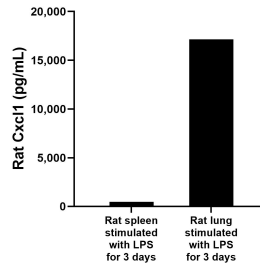
W: ptgcn.com

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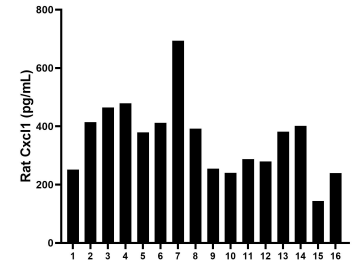
Selected Validation Data



Sandwich ELISA standard curve of MP00698-3, Rat Cxcl1 Recombinant Matched Antibody Pair - PBS only. 83745-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0948. 83745-2-PBS was HRP conjugated as the detection antibody. Range: 31.3-2000 pg/mL



Rat lung (1 lung, 1-2 mm pieces) were cultured for 3 days in RPMI 1640 plus 15% fetal bovine serum and stimulated with 5 μ g/mL LPS. An aliquot of cell culture supernatants was removed, The cell culture supernatants was assayed for rat Cxcl1 and measured 465.9 pg/mL; Rat spleen (1/2 spleen; 1-2 mm pieces) were cultured for 3 days in 50 mL DMEM supplemented with 10% fetal bovine serum and stimulated with 5 μ g/mL LPS. An aliquot of cell culture supernatants was removed, The



Serum of sixteen rats was measured. The rat Cxcl1 concentration of detected samples was determined to be 357.1 pg/mL with a range of 143.6 - 694.0 pg/mL.