

For Research Use Only

Mouse CD80 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84137-6-PBS



Basic Information

Catalog Number: 84137-6-PBS	GenBank Accession Number: NM_009855.2	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 12519	CloneNo.: 241371A6
Source: Rabbit	UNIPROT ID: Q00609-1	
Isotype: IgG	Full Name: CD80 antigen	
	Calculated MW: 35 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
mouse

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:

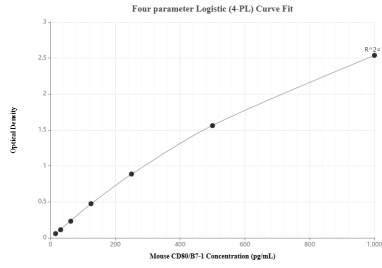
T: 4006900926

E: Proteintech-CN@ptglab.com

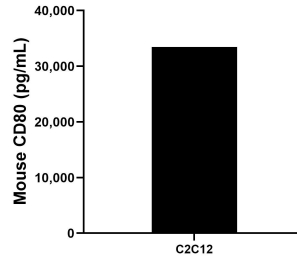
W: ptgcn.com

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Selected Validation Data



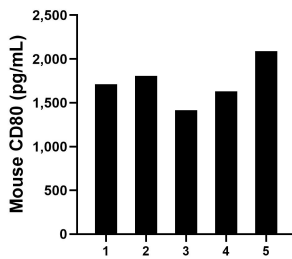
Sandwich ELISA standard curve of MP01051-4, Mouse CD80/B7-1 Recombinant Matched Antibody Pair - PBS only. 84137-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0840. 84137-4-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



The mean CD80/B7-1 concentration was determined to be 33,454.1 pg/mL in C2C12 cell extract based on a 3.2 mg/mL extract load.



Mouse spleen tissue was cultured in RPMI supplemented with 10% fetal bovine serum, 5 μ M β -mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and 100 μ g/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for mouse CD80/B7-1, and measured 10.44 pg/mL



Serum of five mice was measured. The mouse CD80/B7-1 concentration of detected samples was determined to be 1,731.45 pg/mL with a range of 1,416.7 - 2,090.4 ng/mL