

For Research Use Only

# Mouse IL-1 beta Recombinant antibody, PBS Only (Capture)

Catalog Number: 84136-1-PBS



## Basic Information

Catalog Number:

84136-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_008361.4

GeneID (NCBI):

16176

UNIPROT ID:

P10749

Full Name:

interleukin 1 beta

Calculated MW:

31kDa

Purification Method:

Protein A purification

CloneNo.:

241364B3

## Applications

Tested Applications:

Cytometric bead array, 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:

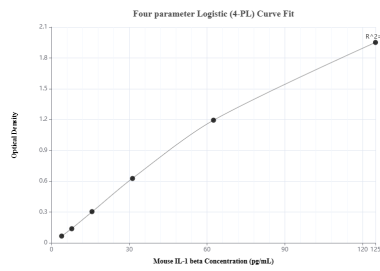
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

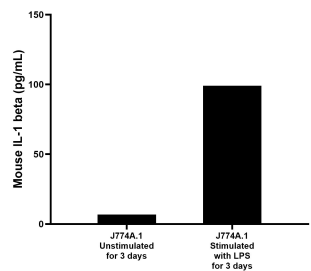
W: [ptgcn.com](http://ptgcn.com)

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

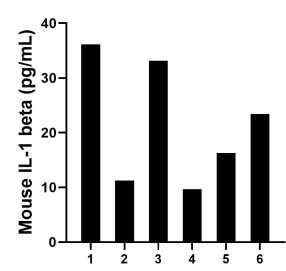
## Selected Validation Data



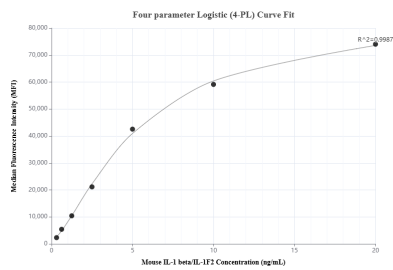
Sandwich ELISA standard curve of MP01046-4, Mouse IL-1 beta Recombinant Matched Antibody Pair - PBS only. 84136-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1577. 84136-6-PBS was HRP conjugated as the detection antibody. Range: 3.9-125 pg/mL



J774A.1 cells were cultured unstimulated or stimulated with 1  $\mu$ g/mL LPS for 3 days. The mean IL-1 beta concentration was determined to be 6.8 pg/mL in unstimulated J774A.1 cell culture supernatant, 99.0 pg/mL in PHA stimulated J774A.1 cell culture supernatant.



Serum of six mice was measured. The mouse IL-1 beta concentration of detected samples was determined to 21.7 pg/mL with a range of 9.7 - 36.2 ng/mL.



Cytometric bead array standard curve of MP01046-3, MOUSE IL-1 beta Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84136-1-PBS. Detection antibody: 84136-3-PBS. Standard: Eg1577. Range: 0.313-20 ng/mL