

For Research Use Only

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

Catalog Number: 84136-6-PBS



## Basic Information

<b>Catalog Number:</b> 84136-6-PBS	<b>GenBank Accession Number:</b> NM_008361.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 16176	<b>CloneNo.:</b> 241364H7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P10749	
<b>Isotype:</b> IgG	<b>Full Name:</b> interleukin 1 beta	
	<b>Calculated MW:</b> 31kDa	

## 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:

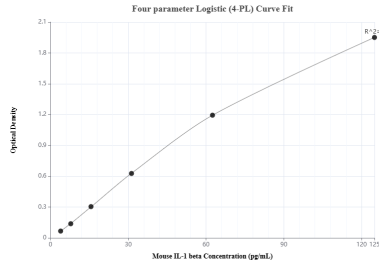
T: 4006900926

E: Proteintech-CN@ptglab.com

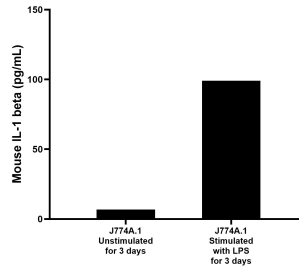
W: ptgcn.com

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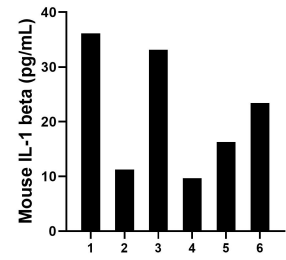
## Selected Validation Data



Sandwich ELISA standard curve of 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.