

For Research Use Only

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

Catalog Number: 68767-1-PBS



## Basic Information

<b>Catalog Number:</b> 68767-1-PBS	<b>GenBank Accession Number:</b> BC008678	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3553	<b>CloneNo.:</b> 3E7D1
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000125538	
<b>Isotype:</b> IgG1	<b>UNIPROT ID:</b> P01584	
	<b>Full Name:</b> interleukin 1, beta	
	<b>Calculated MW:</b> 269 aa, 31 kDa	

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
human

## Product Information

68767-1-PBS targets IL-1 beta as part of a matched antibody pair:

MP50134-1: 66737-2-PBS capture and 68767-1-PBS detection (validated in Sandwich ELISA)

MP80001-2: 82696-6-PBS capture and 68767-1-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

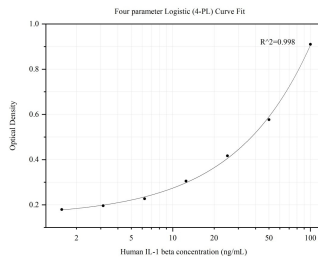
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

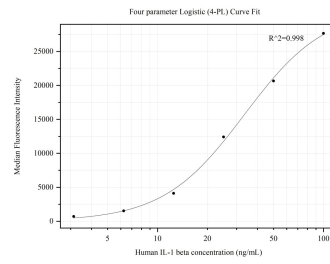
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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 MP50134-1, IL-1 beta Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66737-2-PBS. Detection antibody: HRP-conjugated 68767-1-PBS. Standard:HZ-1164. Range: 1.563-100 ng/mL



Cytometric bead array standard curve of MP80001-2, IL-1 beta Hybrid Matched Antibody Pair, PBS Only. Capture antibody: 82696-6-PBS. Detection antibody: 68767-1-PBS. Standard:HZ-1164. Range:3.125-100 ng/mL