

For Research Use Only

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

Catalog Number: 82696-3-PBS



## Basic Information

<b>Catalog Number:</b> 82696-3-PBS	<b>GenBank Accession Number:</b> BC008678	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3553	<b>CloneNo.:</b> 304
<b>Source:</b> Rabbit	<b>ENSEMBL Gene ID:</b> ENSG00000125538	
<b>Isotype:</b> IgG	<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, Indirect ELISA

**Species Specificity:**  
human

## Product Information

82696-3-PBS targets IL-1 beta as part of a matched antibody pair:

MP80001-3: 82696-3-PBS capture and 68767-2-PBS detection (validated in Cytometric bead array)

MP80001-5: 82696-3-PBS capture and 65276-1-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

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

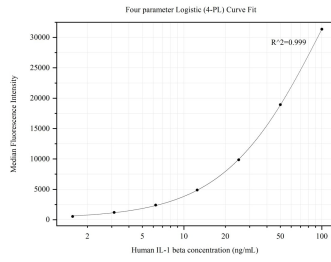
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

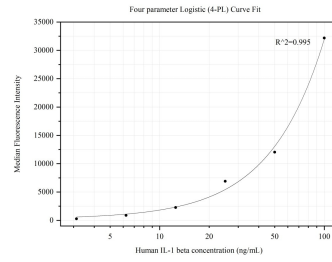
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



Cytometric bead array standard curve of MP80001-3, IL-1 beta Hybrid Matched Antibody Pair, PBS Only. Capture antibody: 82696-3-PBS. Detection antibody: 68767-2-PBS. Standard:HZ-1164. Range: 1.563-100 ng/mL.



Cytometric bead array standard curve of MP80001-5, IL-1 beta Hybrid Matched Antibody Pair, PBS Only. Capture antibody: 82696-3-RR. Detection antibody: 65276-1-PBS. Standard:HZ-1164. Range: 3.125-100 ng/mL.