

For Research Use Only



# IL-1 beta Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00331-1

## Capture Antibody Information

**Catalog Number:**  
82696-7-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
3C16  
**Reactivity:**  
Human

**Conjugate:**  
Unconjugated  
**Full name:**  
interleukin 1, beta  
**Gene ID:**  
3553

## Detection Antibody Information

**Catalog Number:**  
82696-5-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
2E22  
**Reactivity:**  
Human  
**GenBank:**  
BC008678

**Conjugate:**  
Unconjugated  
**Full name:**  
interleukin 1, beta  
**Gene ID:**  
3553

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.781-100 ng/mL (Cytometric Bead Array)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP00331-1 targets IL-1 beta in immunoassays as a matched antibody pair. Validated in Cytometric bead array.  
Capture antibody: IL1B Recombinant antibody, PBS Only (Capture) 82696-7-PBS (3C16). 100 µg. Concentration 1 mg/ml.

Detection antibody: IL1B Recombinant antibody, PBS Only (Capture/Detector) 82696-5-PBS (2E22). 100 µg. Concentration 1 mg/ml.

Alternative IL-1 beta matched antibody pairs: MP50134-1, MP80001-1, MP80001-2, MP80001-3, MP80001-4, MP80001-5, MP80001-6

Unconjugated rabbit recombinant monoclonal antibody pair 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**Storage buffer:**  
PBS only

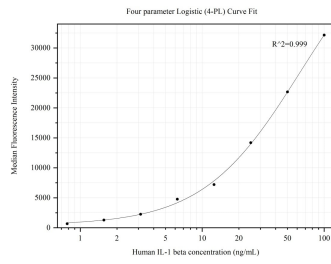
For technical support and original validation data for this product please contact:

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**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 MP00331-1, IL-1 beta Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82696-7-PBS. Detection antibody: 82696-5-PBS. Standard:HZ-1164. Range: 0.781-100 ng/mL