

For Research Use Only

# IL-15 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 84512-2-PBS



## Basic Information

**Catalog Number:**

84512-2-PBS

**Size:**

100ug, Concentration: 1 mg/ml by  
Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_000585.4

**GeneID (NCBI):**

3600

**UNIPROT ID:**

P40933-1

**Full Name:**

interleukin 15

**Calculated MW:**

18 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

242009D10

## Applications

**Tested Applications:**

Cytometric bead array, Indirect ELISA

**Species Specificity:**

human

## Product Information

84512-2-PBS targets IL-15 as part of a matched antibody pair:

MP01372-1: 84512-2-PBS capture and 84512-3-PBS detection (validated in Cytometric bead array)

MP01372-2: 84512-1-PBS capture and 84512-2-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

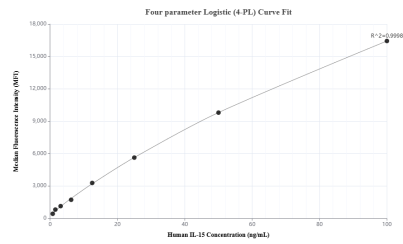
For technical support and original validation data for this product please contact:

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

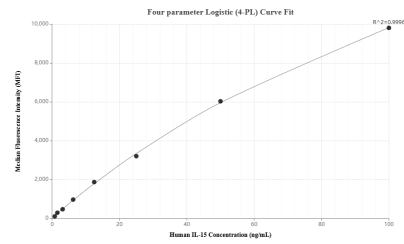
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

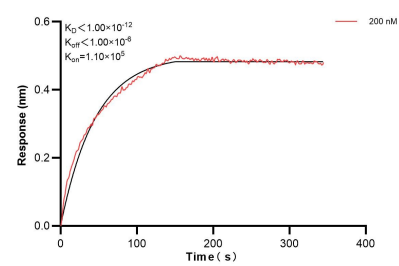
# Selected Validation Data



Cytometric bead array standard curve of MP01372-1, IL-15 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84512-2-PBS. Detection antibody: 84512-3-PBS. Standard: Eg1980. Range: 0.781-100 ng/mL.



Cytometric bead array standard curve of MP01372-2, IL-15 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84512-1-PBS. Detection antibody: 84512-2-PBS. Standard: Eg1980. Range: 0.781-100 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 84512-2-PBS against Human IL-15 was performed. The affinity constant is below 1 pM.