

For Research Use Only

# IL15 Monoclonal antibody, PBS Only (Detector)



Catalog Number: 68742-2-PBS

## Basic Information

<b>Catalog Number:</b> 68742-2-PBS	<b>GenBank Accession Number:</b> BC018149	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3600	<b>CloneNo.:</b> 8H2G10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P40933	<b>Affinity:</b> $K_D = 1.46 \times 10^{-11}M$
<b>Isotype:</b> IgG2a	<b>Full Name:</b> interleukin 15	$K_{Off} = 2.93 \times 10^{-6}M$
<b>Immunogen Catalog Number:</b> AG3650	<b>Calculated MW:</b> 18 kDa	$K_{On} = 2.01 \times 10^5M$

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
Human

## Product Information

68742-2-PBS targets IL15 as part of a matched antibody pair:

MP50095-1: 68742-1-PBS capture and 68742-2-PBS detection (validated in Sandwich ELISA)

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

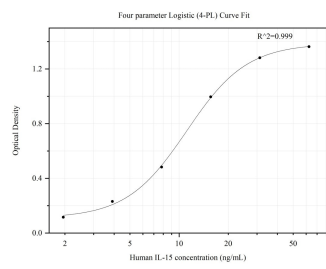
**Storage:**  
Store at -80°C.

**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](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



Sandwich ELISA standard curve of MP50095-1, IL-15  
Monoclonal Matched Antibody Pair, PBS Only.  
Capture antibody: 68742-1-PBS. Detection  
antibody: HRP-conjugated 68742-2-PBS.  
Standard:HZ-1323. Range: 1.953-62.5 ng/mL