

For Research Use Only

# IL-3 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 68663-1-PBS



## Basic Information

<b>Catalog Number:</b> 68663-1-PBS	<b>GenBank Accession Number:</b> GeneID (NCBI): 3562	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug, Concentration: 1mg/ml by Nanodrop;	<b>Full Name:</b> interleukin 3 (colony-stimulating factor, multiple)	<b>CloneNo.:</b> 2A2A2
<b>Source:</b> Mouse		
<b>Isotype:</b> IgG1		
<b>Immunogen Catalog Number:</b> HZ-1074		

## Applications

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

**Species Specificity:**  
human

## Product Information

68663-1-PBS targets IL-3 as part of a matched antibody pair:

MP50003-1: 68663-1-PBS capture and 68663-2-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

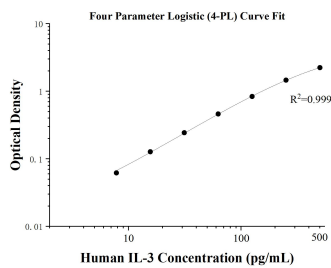
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

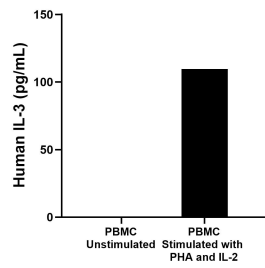
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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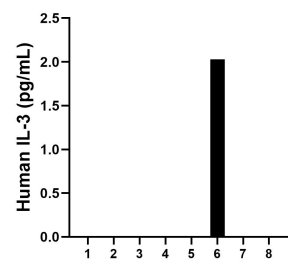
## Selected Validation Data



Sandwich ELISA standard curve of MP50003-1, IL-3 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68663-1-PBS. Detection antibody: 68663-2-PBS. Standard: HZ-1074. Range: 7.8-500 pg/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA and 10 ng/mL IL-2 for 1 day. The mean IL-3 concentration was undetectable in unstimulated PBMC supernatant, 109.7 pg/mL in stimulated PBMC supernatant.



Serum of eight individual healthy human donors was measured. All samples measured less than the lowest human IL-3 standard, 7.8 pg/mL.