

For Research Use Only

# CD25/IL-2RA Monoclonal antibody, PBS Only (Capture)

Catalog Number: 68698-1-PBS



## Basic Information

<b>Catalog Number:</b> 68698-1-PBS	<b>GenBank Accession Number:</b> BC156627	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3559	<b>CloneNo.:</b> 1A1B2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P01589	
<b>Isotype:</b> IgG1	<b>Full Name:</b> interleukin 2 receptor, alpha	
<b>Immunogen Catalog Number:</b> EG0408	<b>Calculated MW:</b> 272 aa, 31 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

68698-1-PBS targets CD25/IL-2RA as part of a matched antibody pair:

MP50073-1: 68698-1-PBS capture and 68698-2-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

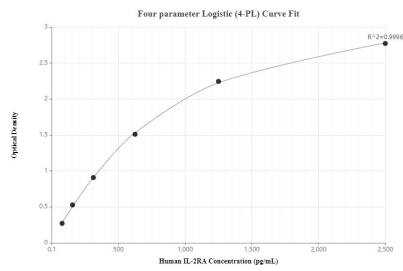
**Storage:**  
Store at -80°C.

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

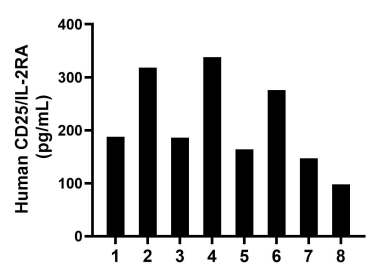
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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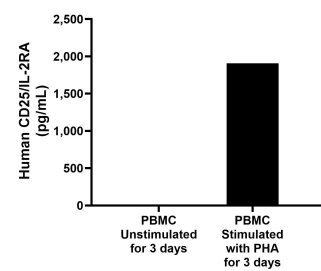
## Selected Validation Data



Sandwich ELISA standard curve of MP50073-1, IL2RA Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68698-1-PBS. Detection antibody: 68698-2-PBS. Standard: Eg0408. Range: 78.1-2500 pg/mL.



Serum of eight individual healthy human donors was measured. The CD25/IL-2RA concentration of detected samples was determined to be 214.4 pg/mL with a range of 98.2-337.8 pg/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA for 3 days. The mean CD25/IL-2RA concentration was undetectable in unstimulated PBMC supernatant, 1,906.3 pg/mL in PHA stimulated PBMC supernatant.