

For Research Use Only

# IL3RA Recombinant antibody, PBS Only (Detector)

Catalog Number: 83243-4-PBS



## Basic Information

<b>Catalog Number:</b> 83243-4-PBS	<b>GenBank Accession Number:</b> BC035407	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3563	<b>CloneNo.:</b> 240042A4
<b>Source:</b> Rabbit	<b>ENSEMBL Gene ID:</b> ENSG00000185291	
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P26951	
<b>Immunogen Catalog Number:</b> AG4452	<b>Full Name:</b> interleukin 3 receptor, alpha (low affinity)	
	<b>Calculated MW:</b> 378 aa, 43 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

83243-4-PBS targets IL3RA as part of a matched antibody pair:

MP00176-4: 83243-3-PBS capture and 83243-4-PBS detection (validated in Sandwich ELISA)

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

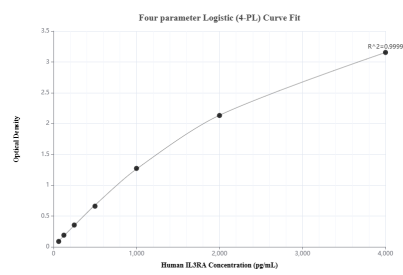
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

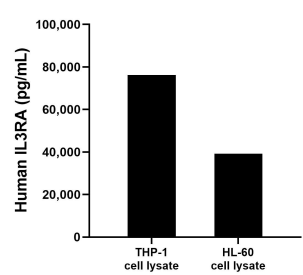
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



Sandwich ELISA standard curve of MP00176-4, Human IL3RA Recombinant Matched Antibody Pair - PBS only. 83243-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4452. 83243-4-PBS was HRP conjugated as the detection antibody. Range: 62.5-4000 pg/mL



THP-1 and HL-60 cell lysates were measured. The human IL3RA concentration of detected samples was determined to be 76,268.8 pg/mL (based on a 4.0 mg/mL extract load) in THP-1 cell lysate and 39,279.2 pg/mL (based on a 4.3 mg/mL extract load) in HL-60 cell lysate.