

For Research Use Only

# Rat CD25/IL-2R alpha Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 86213-2-PBS



## Basic Information

Catalog Number:	86213-2-PBS	GenBank Accession Number:	NM_013163.1
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	25704
Source:	Rabbit	UNIPROT ID:	P26897
Isotype:	IgG	Full Name:	interleukin 2 receptor, alpha
Immunogen Catalog Number:	EG1453	Calculated MW:	31kDa

## Applications

Tested Applications:  
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:  
rat

## Product Information

86213-2-PBS targets CD25/IL-2R alpha as part of a matched antibody pair:

MPO2447-1: 86213-1-PBS capture and 86213-2-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

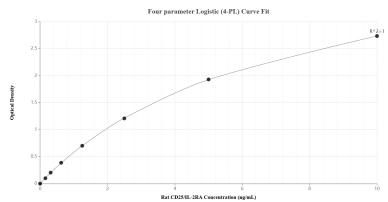
Storage:  
Store at -80°C.  
Storage Buffer:  
PBS only, pH7.3

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)

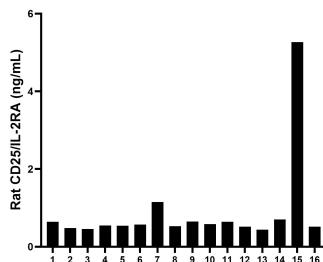
E: proteintech@ptglab.com  
W: ptglab.com

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 MP02447-1, Rat CD25/IL-2RA Recombinant Matched Antibody Pair - PBS only. 86213-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1453. 86213-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



Serum of sixteen rats was measured. The CD25/IL-2RA concentration of detected samples was determined to be 0.89 ng/mL with a range of 0.44-5.27 ng/mL.