

For Research Use Only

# Rat IL2 Recombinant antibody, PBS Only (Detector)

Catalog Number: 82626-5-PBS



## Basic Information

Catalog Number:

82626-5-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_053836

GeneID (NCBI):

116562

UNIPROT ID:

P17108

Full Name:

interleukin 2

Calculated MW:

18 kDa

Purification Method:

Protein A purification

CloneNo.:

240264F4

## Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

rat

## Background Information

### Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

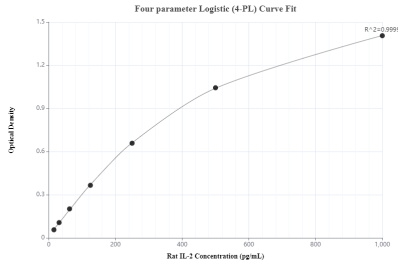
T: 4006900926

E: Proteintech-CN@ptglab.com

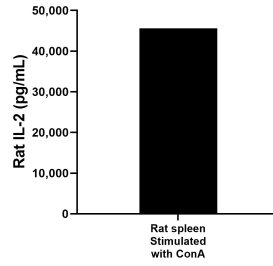
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

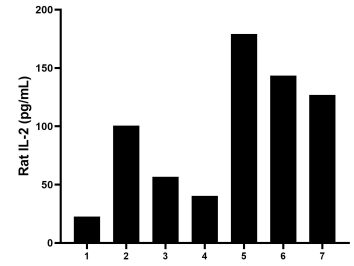
## Selected Validation Data



Sandwich ELISA standard curve of MP00535-3, rat IL-2 Recombinant Matched Antibody Pair - PBS only. 82626-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0260. 82626-5-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



Rat spleen, cut into 1-2 mm pieces, was cultured for 3-4 days in 25-30 mL of RPMI supplemented with 10% fetal bovine serum and stimulated with 10  $\mu$ g/mL ConA. The cell culture supernate was removed, assayed for rat IL-2, and measured 45,596.05 pg/mL



Serum of seven rats was measured. The IL-2 concentration of detected samples was determined to be 95.71 pg/mL with a range of ND - 179.2 pg/mL