

For Research Use Only

Rat IL-2 Recombinant antibody, PBS Only (Capture)

Catalog Number: 82626-2-PBS



Basic Information

Catalog Number:

82626-2-PBS

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0260

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.:

240264B2

Applications

Tested Applications:

Cytometric bead array, 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, pH7.3

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

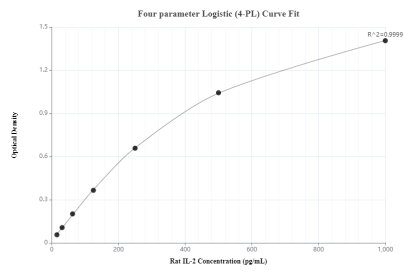
T: 4006900926

E: Proteintech-CN@ptglab.com

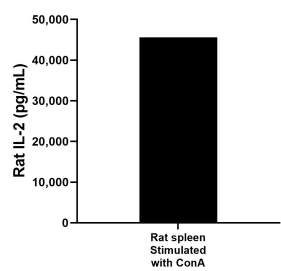
W: ptgcn.com

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

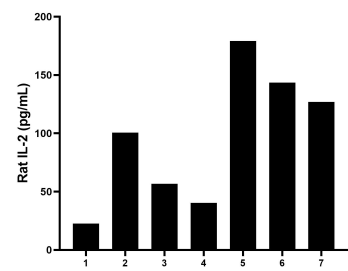
Selected Validation Data



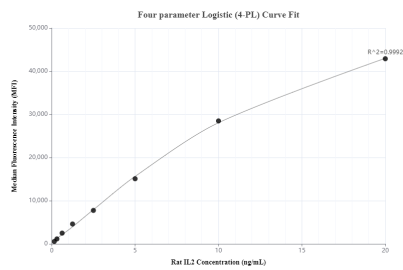
Sandwich ELISA standard curve of MP00535-3, rat IL-2 Recombinant Matched Antibody Pair - PBS only. 82626-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0260. 82626-5-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



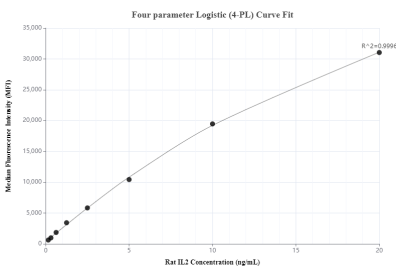
Rat spleen, cut into 1-2 mm pieces, was cultured for 3-4 days in 25-30 mL of RPMI supplemented with 10% fetal bovine serum and stimulated with 10 µg/mL ConA. The cell culture supernatant was removed, assayed for rat IL-2, and measured 45,596.05 pg/mL



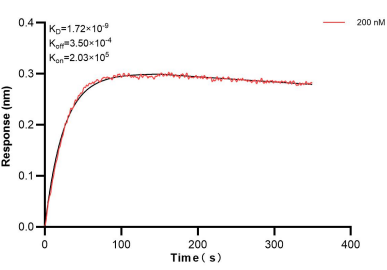
Serum of seven rats was measured. The IL-2 concentration of detected samples was determined to be 95.71 pg/mL with a range of ND - 179.2 pg/mL



Cytometric bead array standard curve of MP00535-1, RAT IL-2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82626-2-PBS. Detection antibody: 82626-3-PBS. Standard: Eg0260. Range: 0.156-20 ng/mL



Cytometric bead array standard curve of MP00535-2, RAT IL-2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82626-2-PBS. Detection antibody: 82626-4-PBS. Standard: Eg0260. Range: 0.156-20 ng/mL



Biolayer interferometry (BLI) kinetic assay of 82626-2-PBS against Rat IL-2 was performed. The affinity constant is 1.72 nM.