

For Research Use Only



Rat IL-2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00535-3

Capture Antibody Information

Catalog Number:
82626-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240264B2

Reactivity:
rat

Conjugate:
Unconjugated

Full name:
interleukin 2

Gene ID:
116562

Detection Antibody Information

Catalog Number:
82626-5-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240264F4

Reactivity:
rat

GenBank:
NM_053836

Conjugate:
Unconjugated

Full name:
interleukin 2

Gene ID:
116562

Applications

Tested Applications:
Sandwich ELISA

Range:
15.6-1000 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP00535-3 targets IL-2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Rat IL2 Recombinant antibody, PBS Only (Capture) 82626-2-PBS (240264B2). 100 µg. Concentration 1 mg/ml.

Detection antibody: Rat IL2 Recombinant antibody, PBS Only (Detector) 82626-5-PBS (240264F4). 100 µg. Concentration 1 mg/ml.

Alternative IL-2 matched antibody pairs: MP00533-1, MP00533-2, MP00533-3, MP00535-2, MP00545-1, MP00545-2, MP00545-3

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

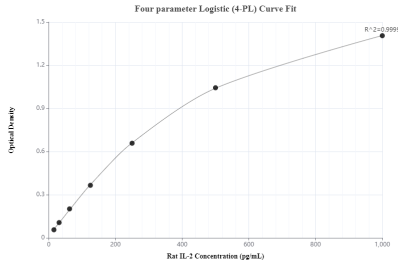
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

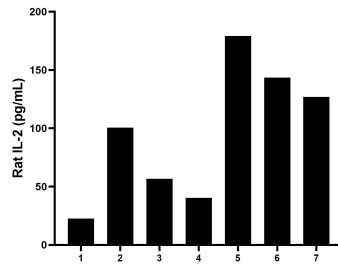
E: proteintech@ptglab.com
W: ptglab.com

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

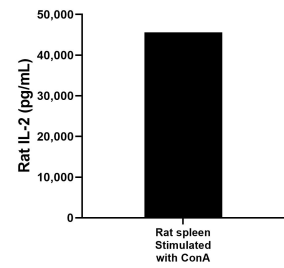
Selected Validation Data



Sandwich ELISA standard curve of 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 EgO260. 82626-5-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 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.



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 supernate was removed, assayed for rat IL-2, and measured 45,596.05 pg/mL.