

For Research Use Only

Mouse IL-2 Recombinant antibody, PBS Only (Capture/Detector)



Catalog Number: 83547-1-PBS

Basic Information

Catalog Number:

83547-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_008366

GeneID (NCBI):

16183

UNIPROT ID:

P04351

Full Name:

interleukin 2

Calculated MW:

19 kDa

Purification Method:

Protein A purification

CloneNo.:

240358A4

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA,
Sample test

Species Specificity:

mouse

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:

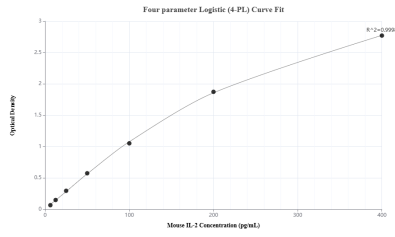
T: 4006900926

E: Proteintech-CN@ptglab.com

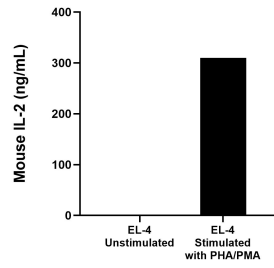
W: ptgcn.com

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

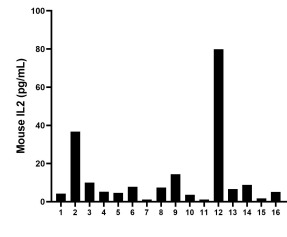
Selected Validation Data



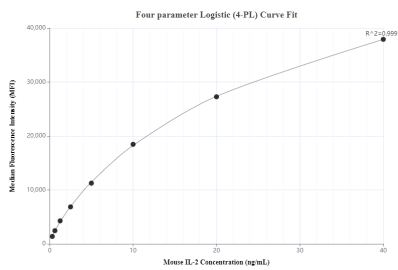
Sandwich ELISA standard curve of MP00533-3, mouse IL-2 Recombinant Matched Antibody Pair - PBS only. 98055-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0762. 83547-1-PBS was HRP conjugated as the detection antibody. Range: 6.25-400 pg/mL.



EL-4 mouse lymphoblast cells (1×10^6 cells/mL) were cultured for 3 days in DMEM supplemented with 10% fetal bovine serum and stimulated with $10 \mu\text{g/mL}$ PHA and 10 ng/mL PMA. The mean mouse IL-2 concentration was determined to be 16.1 pg/mL in unstimulated EL-4, 309.9 ng/mL in PHA and PMA stimulated EL-4 supernatant.



Serum of sixteen mice were measured. The mouse IL-2 concentration was determined to be 2.27 pg/mL with a range of $1.1\text{-}79.9 \text{ pg/mL}$.



Cytometric bead array standard curve of MP00533-1, MOUSE IL-2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83547-1-PBS. Detection antibody: 83547-2-PBS. Standard: Eg0762. Range: 0.313-40 ng/mL.