

For Research Use Only

IL2RA Recombinant antibody, PBS Only (Capture)



Catalog Number: 83896-5-PBS

Basic Information

Catalog Number:

83896-5-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC156627

GeneID (NCBI):

3559

UNIPROT ID:

P01589

Full Name:

interleukin 2 receptor, alpha

Calculated MW:

272 aa, 31 kDa

Purification Method:

Protein A purification

CloneNo.:

240906E5

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

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:

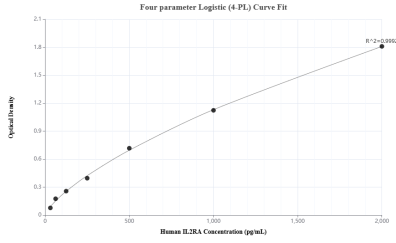
T: 4006900926

E: Proteintech-CN@ptglab.com

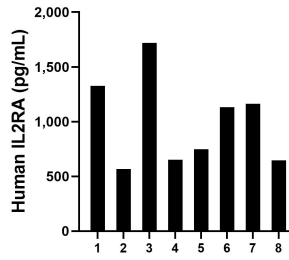
W: ptgcn.com

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

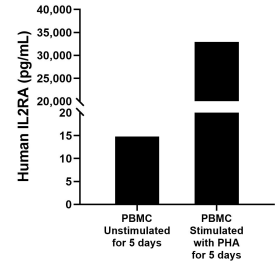
Selected Validation Data



Sandwich ELISA standard curve of MP00837-3, Human IL2RA Recombinant Matched Antibody Pair - PBS only. 83896-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0408. 83896-6-PBS was HRP conjugated as the detection antibody. Range: 31.25-2000 pg/mL



Serum of eight individual healthy human donors was measured. The human IL2RA concentration of detected samples was determined to be 993.9 pg/mL with a range of 567.3 - 1,718.0 pg/mL.



Human peripheral blood mononuclear cells (5×10^6 cells/mL) were cultured in DMEM supplemented with 5% fetal bovine serum, $50 \mu\text{M}$ β -mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and $100 \mu\text{g/mL}$ streptomycin sulfate. The cells were cultured unstimulated or stimulated with $10 \mu\text{g/mL}$ PHA for 5 days. Aliquots of the cell culture supernates were removed and assayed for levels of human IL2RA.