

For Research Use Only

# IL-1RA Recombinant antibody, PBS Only (Capture)

Catalog Number: 84532-5-PBS



## Basic Information

Catalog Number:

84532-5-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1277

GenBank Accession Number:

BC009745

GeneID (NCBI):

3557

UNIPROT ID:

P18510

Full Name:

interleukin 1 receptor antagonist

Calculated MW:

20 kDa

Purification Method:

Protein A purification

CloneNo.:

241879G2

## 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:

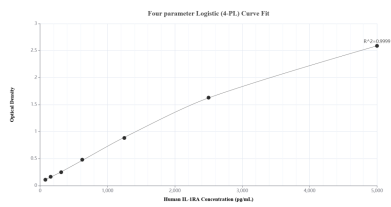
T: 4006900926

E: Proteintech-CN@ptglab.com

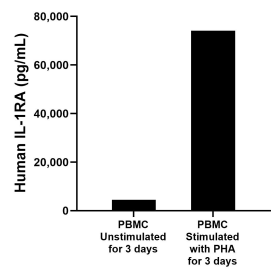
W: ptgcn.com

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

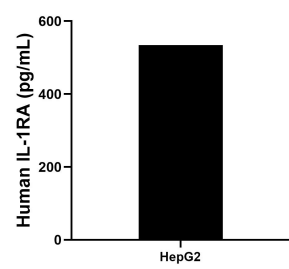
Selected Validation Data



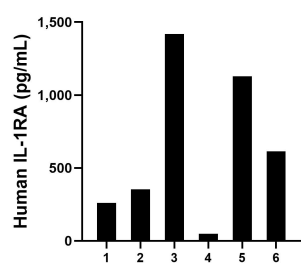
Sandwich ELISA standard curve of MP01389-3, Human IL-1RA Recombinant Matched Antibody Pair - PBS only. 84532-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1277. 84532-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10  $\mu$ g/mL PHA for 3 days. The mean IL-1RA concentration was determined to be 4,505.9 pg/mL in unstimulated PBMC supernatant, 74,132.2 pg/mL in PHA stimulated PBMC supernatant.



HepG2 cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100  $\mu$ g/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human IL-1RA, and measured 534.4 pg/mL



Serum of six individual healthy human donors was measured. The IL-1RA concentration of detected samples was determined to be 637.3 pg/mL with a range of 49.7-1,417.8 pg/mL