

For Research Use Only

IL1A Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 84411-3-PBS



Basic Information

Catalog Number:

84411-3-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

HZ-1320

GenBank Accession Number:

BC013142

GeneID (NCBI):

3552

UNIPROT ID:

P01583

Full Name:

interleukin 1, alpha

Calculated MW:

271 aa, 31 kDa

Purification Method:

Protein A purification

CloneNo.:

241752F11

Applications

Tested Applications:

Cytometric bead array, 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, pH7.3

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

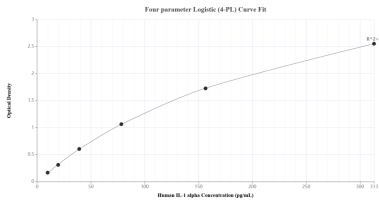
T: 4006900926

E: Proteintech-CN@ptglab.com

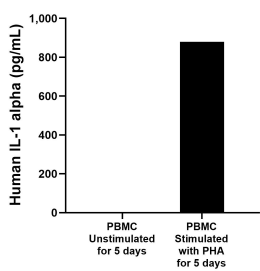
W: ptgcn.com

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

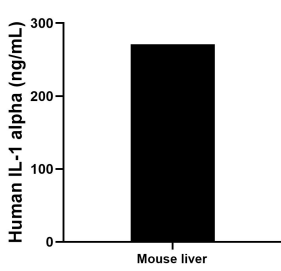
Selected Validation Data



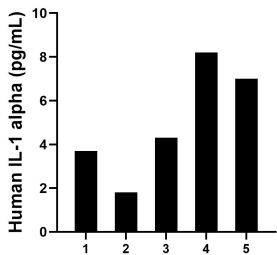
Sandwich ELISA standard curve of MP01289-3, Human IL-1 alpha Recombinant Matched Antibody Pair - PBS only. 84411-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard HZ-1320. 84411-3-PBS was HRP conjugated as the detection antibody. Range: 9.77-313 pg/mL.



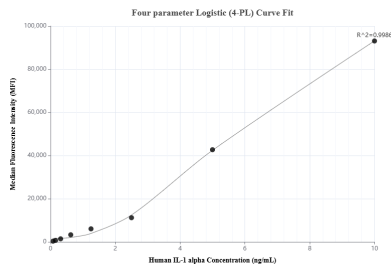
Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA for 5 days. The mean IL-1 alpha concentration was determined to be 2.1 pg/mL in unstimulated PBMC supernatant, 880.0 pg/mL in PHA stimulated PBMC supernatant.



The mean IL-1 alpha concentration was determined to be 271.0 ng/mL in mouse liver tissue extract based on a 3.7 mg/mL extract load.



Serum of five individual healthy human donors was measured. The IL-1 alpha concentration of detected samples was determined to be 5.0 pg/mL with a range of 1.8-8.2 pg/mL.



Cytometric bead array standard curve of MP01289-2, IL-1 alpha Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84411-3-PBS. Detection antibody: 84411-4-PBS. Standard: HZ-1320. Range: 0.078-10 ng/mL.