

For Research Use Only

CXCL8,IL8 Recombinant antibody, PBS Only (Capture)

Catalog Number:83903-5-PBS



Basic Information

Catalog Number:

83903-5-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC013615

GeneID (NCBI):

3576

ENSEMBL Gene ID:

ENSG00000169429

UNIPROT ID:

P10145

Full Name:

interleukin 8

Calculated MW:

99 aa, 11 kDa

Purification Method:

Protein A purification

CloneNo.:

240889B4

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:

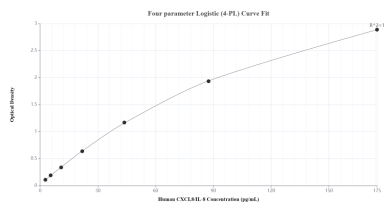
T: 4006900926

E: Proteintech-CN@ptglab.com

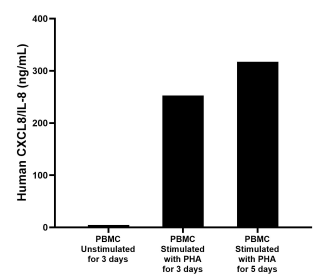
W: ptgcn.com

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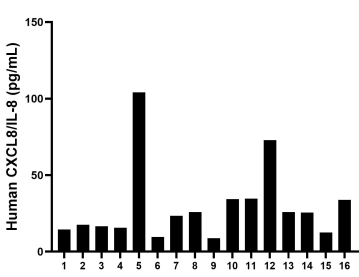
Selected Validation Data



Sandwich ELISA standard curve of MP00830-3, Human CXCL8/IL-8 Recombinant Matched Antibody Pair - PBS only. 83903-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0152. 83903-1-PBS was HRP conjugated as the detection antibody. Range: 2.73-175 pg/mL



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA for 3 or 5 days. For the PBMC supernatant cultured for 3 days, the mean CXCL8/IL-8 concentration was determined to be 4.46 ng/mL in unstimulated PBMC supernatant, 252.88 ng/mL in PHA stimulated PBMC supernatant. For the PBMC supernatant cultured for 5 days, the mean CXCL8/IL-8 concentration was determined to be 317.16 ng/mL in PHA stimulated PBMC



Serum of sixteen individual healthy human donors was measured. The CXCL8/IL-8 concentration of detected samples was determined to be 29.8 pg/mL with a range of 8.9 - 104.1 pg/mL