

For Research Use Only

GNLY/Granulysin Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03145-1

Capture Antibody Information

Catalog Number:

87707-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

252602E12

Reactivity:

human

GenBank:

NM_006433.5

Immunogen Catalog Number:

Eg3381

Conjugate:

Unconjugated

Full name:

granulysin

Gene ID:

10578

Detection Antibody Information

Catalog Number:

87707-1-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

252602A9

Reactivity:

human

GenBank:

NM_006433.5

Immunogen Catalog Number:

Eg3381

Conjugate:

Unconjugated

Full name:

granulysin

Gene ID:

10578

Applications

Tested Applications:

Sandwich ELISA

Range:

78.1-5000 pg/mL (Sandwich ELISA)

Recommended Dilutions:

It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP03145-1 targets GNLY/Granulysin in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Granulysin Recombinant monoclonal antibody, PBS Only (Capture) 87707-2-PBS (252602E12). 100 μ g. Concentration 1 mg/mL.

Detection antibody: Granulysin Recombinant monoclonal antibody, PBS Only (Detector) 87707-1-PBS (252602A9). 100 μ g. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

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:

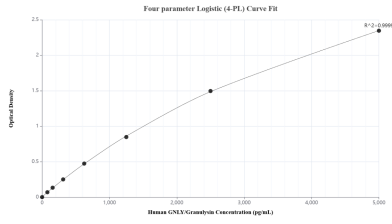
T: 4006900926

E: Proteintech-CN@ptglab.com

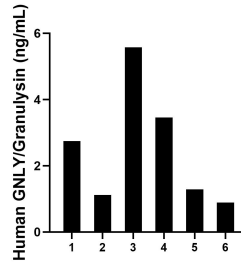
W: ptgcn.com

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

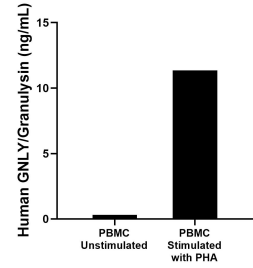
Selected Validation Data



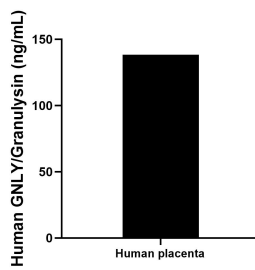
Sandwich ELISA standard curve of MP03145-1, Human GNL Y/Granulysin Recombinant Matched Antibody Pair - PBS only. 87707-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3381. 87707-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Serum of six individual healthy human donors was measured. The GNL Y/Granulysin concentration of detected samples was determined to be 2.5 ng/mL with a range of 0.9-5.6 ng/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA for 3 days. The mean GNL Y/Granulysin concentration was determined to be 0.3 ng/mL in unstimulated PBMC supernatant, 11.3 ng/mL in PHA stimulated PBMC supernatant.



The mean GNL Y/Granulysin concentration was determined to be 138.4 ng/mL in human placenta tissue extract based on a 3.8 mg/mL extract load.