

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

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 µg. Concentration 1 mg/mL.

Detection antibody: Granulysin Recombinant monoclonal antibody, PBS Only (Detector) 87707-1-PBS (252602A9). 100 µg. 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.
Storage buffer:
PBS only

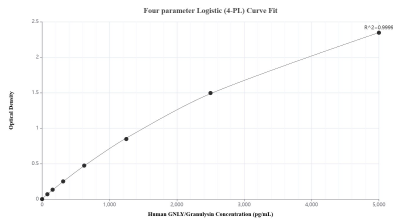
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

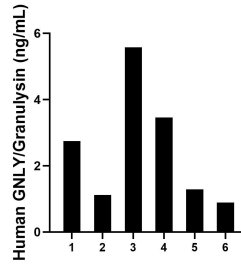
E: proteintech@ptglab.com
W: ptglab.com

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

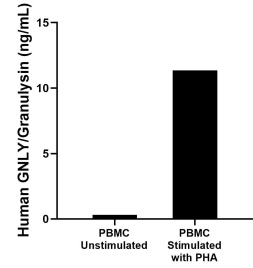
Selected Validation Data



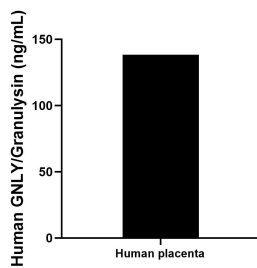
Sandwich ELISA standard curve of MP03145-1, Human GNLV/Granulysin Recombinant Matched Antibody Pair - PBS only. 87707-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3381. 87707-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000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



Serum of six individual healthy human donors was measured. The GNLV/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 µg/mL PHA for 3 days. The mean GNLV/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 GNLV/Granulysin concentration was determined to be 138.4 ng/mL in human placenta tissue extract based on a 3.8 mg/mL extract load.