

For Research Use Only

GNLY/Granulysin Recombinant monoclonal antibody, PBS Only

Catalog Number:87707-3-PBS



Basic Information

Catalog Number:

87707-3-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3381

GenBank Accession Number:

NM_006433.5

GeneID (NCBI):

10578

UNIPROT ID:

P22749-1

Full Name:

granulysin

Calculated MW:

16 kDa

Observed MW:

14-15 kDa

Purification Method:

Protein A purification

CloneNo.:

252602F8

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

Granulysin is a cationic, saposin-like antimicrobial protein expressed in cytotoxic granules of human CD8+ T cells and NK cells. It exists as 9-kDa (cytolytic) and 15-kDa (secreted) isoforms, killing intracellular pathogens and tumor cells by disrupting membranes or inducing ER stress-mediated apoptosis.(PMID: 17596262;17182542)

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:

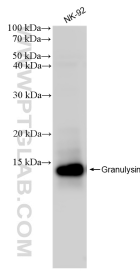
T: 4006900926

E: Proteintech-CN@ptglab.com

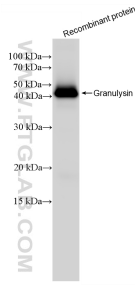
W: ptgcn.com

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

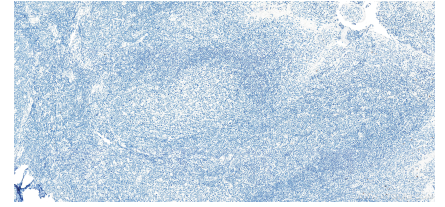
Selected Validation Data



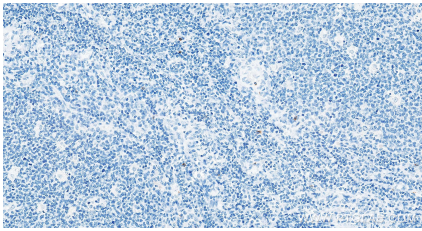
NK-92 cells were subjected to SDS PAGE followed by western blot with 87707-3-RR (Granulysin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87707-3-PBS in a different storage buffer formulation.



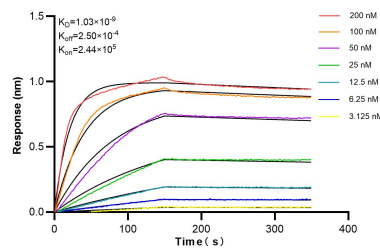
Granulysin Recombinant protein Eg4482 was subjected to SDS PAGE followed by western blot with 87707-3-RR (Granulysin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87707-3-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsil tissue slide using 87707-3-RR (GNLY/Granulysin antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 87707-3-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsil tissue slide using 87707-3-RR (GNLY/Granulysin antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 87707-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87707-3-RR against Human GNLY/Granulysin were performed. The affinity constant is 1.03 nM.