

For Research Use Only

GNLY/Granulysin Recombinant monoclonal antibody

Catalog Number:87707-3-RR



Basic Information

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| Catalog Number: 87707-3-RR | GenBank Accession Number: NM_006433.5 | Purification Method: Protein A purification |
| Source: Rabbit | GeneID (NCBI): 10578 | CloneNo.: 252602F8 |
| Isotype: IgG | UNIPROT ID: P22749-1 | Recommended Dilutions: WB: 1:500-1:2000 IHC: 1:500-1:2000 |
| Immunogen Catalog Number: EG3381 | Full Name: granulysin | |
| | Calculated MW: 16 kDa | |
| | Observed MW: 14-15 kDa | |

Applications

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| Tested Applications: WB, IHC, ELISA | Positive Controls: WB : NK-92 cells, Recombinant protein IHC : human tonsil tissue, |
| Species Specificity: human | |
| Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | |

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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

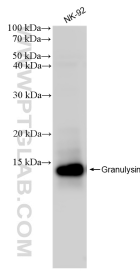
T: 4006900926

E: Proteintech-CN@ptglab.com

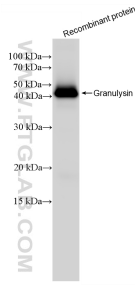
W: ptgcn.com

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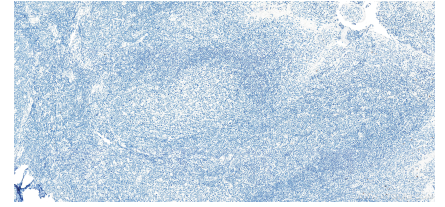
Selected Validation Data



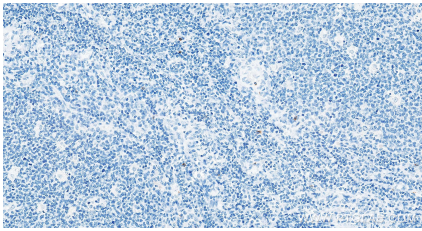
NK-92 cells were subjected to SDS PAGE followed by western blot with 87707-3-RR (Granulysin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



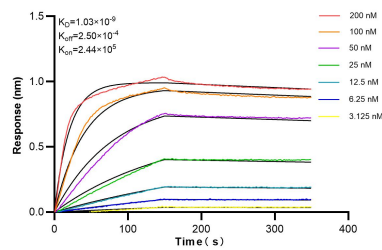
Granulysin Recombinant protein Eg4482 was subjected to SDS PAGE followed by western blot with 87707-3-RR (Granulysin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).



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).



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