

GNLY Rabbit pAb

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Catalog # AP58035

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P22749
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	16374
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GNLY/NKG5
Epitope Specificity	23--120/145
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted. Note=Located in the cytotoxic granules of T-cells, which are released upon antigen stimulation.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	GNLY (granulysin) is a member of the saposin-like protein (SAPLIP) family and is located in the cytotoxic granules of T cells, which are released upon antigen stimulation. GNLY has antimicrobial activity against M.tuberculosis and other organisms including Gram-positive and Gram-negative bacteria, fungi, and parasites. Alternatively spliced transcript variants encoding different isoforms have been identified.

Additional Information

Gene ID	10578
Other Names	Granulysin, Lymphokine LAG-2, Protein NKG5, T-cell activation protein 519, GNLY, LAG2, NKG5, TLA519
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

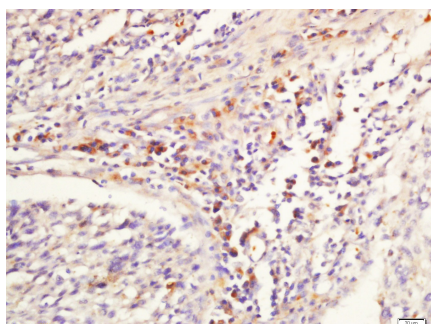
Name	GNLY
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Synonyms	LAG2, NKG5, TLA519
Function	Antimicrobial protein that kills intracellular pathogens. Active against a broad range of microbes, including Gram-positive and Gram-negative bacteria, fungi, and parasites. Kills Mycobacterium tuberculosis.
Cellular Location	Secreted. Note=Located in the cytotoxic granules of T-cells, which are released upon antigen stimulation
Tissue Location	Expressed in natural killer and T-cells.

Background

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Images



Tissue/cell: human laryngocarcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-GNLY Polyclonal Antibody, Unconjugated(AP58035) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.