

Datasheet for ABIN2660772
anti-GNLY antibody (Biotin)



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1 Image

Overview

Quantity:	50 µg
Target:	GNLY
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GNLY antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS), Functional Studies (Func)

Product Details

Clone:	DH10
Isotype:	IgG1 kappa
Purification:	The antibody was purified by affinity chromatography and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.

Target Details

Target:	GNLY
Alternative Name:	Granulysin (GNLY Products)
Background:	Granulysin is a cytolytic protein present in granules of human natural killer (NK) cells and activated cytotoxic T lymphocytes (CTLs). Granulysin is synthesized as a 15 kD precursor, which is then cleaved at both the amino- and carboxy-termini into a 9 kD activated form. The 9 kD granulysin is released into the intercellular space between target and effector cells via a

Target Details

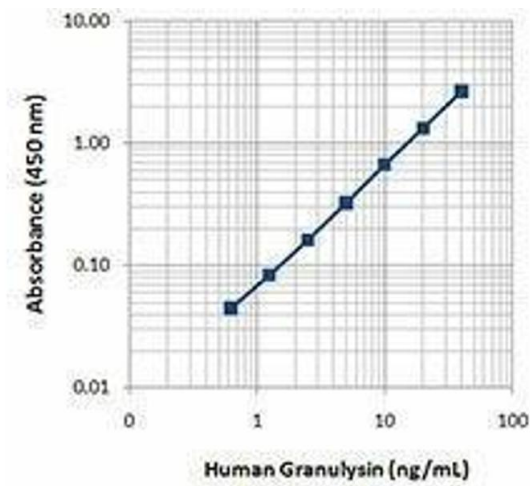
granule exocytosis pathway. The 9 kD granulysin is a chemoattractant for T lymphocytes, monocytes, and other inflammatory cells and activates the expression of a number of cytokines, including RANTES, MCP-1, MCP-3, MIP-1 α , IL-1, IL-6, IL-10 and IFN- α . High serum levels of granulysin are associated with cytotoxic T cell and NK cell activity, and may thus represent a soluble biomarker for host-cellular immune responses. Serum granulysin has also been proposed as a biomarker for the Th1/Th2 balance. At the cellular level, granulysin may serve as a favorable prognostic marker for certain types of cancer.

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from prolonged exposure to light. Do not freeze.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.



ELISA

Image 1.