



Rabbit Anti-Mouse GZMD Polyclonal antibody (CABT-L2322)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Granzyme D (GZMD)
Specificity	The antibody is a rabbit polyclonal antibody raised against GZMD. It has been selected for its ability to recognize GZMD in immunohistochemical staining and western blotting.
Target	Granzyme D (GZMD)
Immunogen	Recombinant fragment corresponding to Mouse GZMD (Pro33-Ile245)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	None

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	Granzyme family serine proteases are stored in the granules of cytotoxic T lymphocytes and natural killer cells. Granzymes contain one S1 protease domain and are synthesized as preproteins. Granzymes are released toward pathogen infected or transformed target cells during cellular immune reactions. Target cell entry by granzymes is through perforin channels. Granzymes trigger apoptosis by caspase-dependent and -independent mechanisms. There are five granzymes (A, B, G, H and K) in human and many more in mouse and rat.; The granzyme d enzyme is thought to be necessary for target cell lysis in cell-mediated immune responses.
Keywords	GZMD; Granzyme D; Granzyme D; GrzD