

Datasheet for ABIN453080
anti-GZMB antibody (N-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	GZMB
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the N-terminal region of human GZMB
Specificity:	This antibody detects Granzyme B (GZMB) at N-term.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	GZMB
Abstract:	GZMB Products
Background:	Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein is crucial for the rapid induction of target cell

Target Details

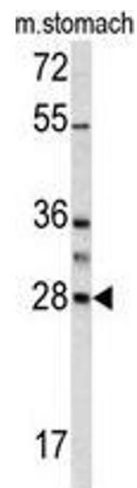
	apoptosis by CTL in cell-mediated immune response.Synonyms: CGL1, CSPB, CTLA-1, CTLA1, CTSSL1, Cathepsin G-like 1, Cytotoxic T-lymphocyte proteinase 2, Fragmentin-2, GRB, Granzyme-2, Lymphocyte protease, SECT, T-cell serine protease 1-3E
Molecular Weight:	27688 Da
Gene ID:	3002
NCBI Accession:	NP_004122
UniProt:	P10144
Pathways:	Apoptosis , Caspase Cascade in Apoptosis

Application Details

Application Notes:	Western blot: 1: 50 - 1: 100. ELISA: 1: 1,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) 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:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of GZMB antibody (N-term) in mouse stomach lysates (35 µg/lane). GZMB (arrow) was detected using the purified Pab.