

Datasheet for ABIN206367 **anti-GZMB antibody**

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Overview

Quantity:	0.1 mg
Target:	GZMB
Reactivity:	Human, Monkey, Rhesus Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GZMB antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Purified human Granzyme B. Type of Immunogen: Purified protein
Clone:	GB11
Isotype:	IgG1
Specificity:	Recognizes the serine protease Granzyme B, which is important in the induction of apoptosis in target cells by cytolytic lymphocytes (CTLs). Granzyme B plays a key role in the induction of apoptosis by CTLs. After delivery to the target cell, Granzyme B activates the cascade of caspases that finally results in cell death. Has been reported to function as a capture reagent in ELISA assays for soluble Granzyme B in conjunction with biotin conjugated clone GB10 (MCA2119B) as detection reagent.

Product Details

Purification: Protein A purified

Target Details

Target: GZMB

Alternative Name: GZMB / Granzyme B ([GZMB Products](#))

Background: Name/Gene ID: GZMB
Subfamily: Serine S1
Family: Protease

Synonyms: GZMB, CCPI, CGL-1, Cathepsin G-like 1, CSP-B, CTLA-1, CTLA1, CGL1, CSPB, Fragmentin 2, GRB, HLP, Human lymphocyte protein, Fragmentin-2, SECT, Lymphocyte protease, T-cell serine protease 1-3E, C11, CTSG1, Cytotoxic serine protease B, Granzyme B, Granzyme-2

Gene ID: 3002

Pathways: [Apoptosis](#), [Caspase Cascade in Apoptosis](#)

Application Details

Application Notes: Approved: ELISA (2 - 5 µg/mL), Flo (1:10 - 1:100), IHC, IHC-Fr, IP

Usage: Flow Cytometry: Use 10 µL of the suggested working dilution to label 10⁶ cells or 100 µL whole blood. ELISA: This antibody has been reported to function as a capture reagent in sandwich ELISA assays for soluble Granzyme B in conjunction with biotin conjugated clone GB10 (LS-C44294) as detection reagent.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Tris buffered saline, 0.09 % sodium azide.

Preservative: Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	avoid freeze thaw cycles. Store undiluted.
Storage:	4 °C,-20 °C
Storage Comment:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles. Store undiluted.