

Datasheet for ABIN206366
anti-GZMB antibody (Biotin)



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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 conjugated to Biotin
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:	GB10
Isotype:	IgG1
Specificity:	Recognizes the serine protease Granzyme B, which is expressed within the granules of 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 detection reagent in ELISA assays for soluble Granzyme B in conjunction with GB11 (MCA2120) as capture reagent.
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 (1 µg/mL), Flo, IHC, IHC-Fr, IP Usage: The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested. ELISA: This antibody has been reported to function as a detection reagent in sandwich ELISA assays for soluble Granzyme B in conjunction with GB11 (LS-C44295) as capture reagent.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	TBS, BSA, 0.001 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	4°C or -20°C, Avoid freeze-thaw cycles.