

Datasheet for ABIN119564
anti-GZMB antibody (Biotin)



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Overview

Quantity:	0.1 mg
Target:	GZMB
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GZMB antibody is conjugated to Biotin
Application:	Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Purified human Granzyme B. Spleen cells from immunised Balb/c mice were fused with cells of the mouse SP2/0 myeloma cell line.
Clone:	GB10
Isotype:	IgG1
Specificity:	This antibody recognises the serine protease Granzyme B. This antibody has been reported to function as a detection reagent in ELISA assays for soluble Granzyme B in conjunction with GB11 (SM1806P) as capture reagent.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	GZMB
Abstract:	GZMB Products

Target Details

Background:	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.Synonyms: CGL1, CSPB, CTLA-1, CTLA1, CTSG1, Cathepsin G-like 1, Cytotoxic T-lymphocyte proteinase 2, Fragmentin-2, GRB, Granzyme-2, Lymphocyte protease, SECT, T-cell serine protease 1-3E
Gene ID:	3002
NCBI Accession:	NP_004122
UniProt:	P10144
Pathways:	Apoptosis , Caspase Cascade in Apoptosis

Application Details

Application Notes:	ELISA: 1 µg/mL. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	PBS containing 0.001 % Thiomersal
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.