

Datasheet for ABIN126926
anti-GZMB antibody (AA 7-227)



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Overview

Quantity:	0.1 mg
Target:	GZMB
Binding Specificity:	AA 7-227
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GZMB antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Human recombinant granzyme B (aa 7-227)
Clone:	B18-1
Isotype:	IgG1
Specificity:	Detects human Granzyme B.
Characteristics:	Synonyms: Granzyme-2, CGL1, CTSL1, CSPB, CTLA1, CTLA-1, GRB, SECT, Fragmentin-2, T-cell serineprotease 1-3E, Cytotoxic T-lymphocyte proteinase 2, Lymphocyte protease, Cathepsin G- like1
Purification:	Affinity Purified

Target Details

Target:	GZMB
Abstract:	GZMB Products
Background:	Granzyme B is a 27 kDa serine protease stored in granules of activated cytotoxic T cells and NK cells. Upon target cell contact, granzyme B is directionally exocytosed and assisted by perforin, enters the target cell. With its unique substrate specificity (granzyme B cleaves after Asp), granzyme B processes and activates various pro-caspases thereby inducing apoptosis in the target cell. 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
UniProt:	P10144
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	Western Blot. Immunoprecipitation. Flow Cytometry. Immunohistochemistry. 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 1 mg/mL BSA, 1.5 mM Sodium Azide and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store the antibody undiluted (in aliquots) at -20 °C to -70 °C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Expiry Date:	12 months