Datasheet for ABIN6294582

anti-GZMB antibody (AA 73-187)

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Overview

Quantity:	100 µg
Target:	GZMB
Binding Specificity:	AA 73-187
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GZMB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	Rabbit anti-Human Granzyme B Antibody [Sodium Azide Free]
Immunogen:	A recombinant fragment (amino acids 73-187) from the human protein was used as the immunogen for the Granzyme B antibody.
Specificity:	Cytoplasmic
Purification:	A recombinant fragment (amino acids 73-187) from the human protein was used as the immunogen for the Granzyme B antibody.

Target Details

Target:	GZMB
Alternative Name:	Granzyme B (GZMB Products)

Target Details

Background:	Target Description: Granzyme B is a member of the granule serine protease family stored specifically in NK cells or cytotoxic T cells. Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'non-self' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. Granzyme B is crucial for the rapid induction of target cell apoptosis by CTLs in the cell-mediated immune response. Granzyme B is useful as a marker in the identification of NK/T-cell lymphomas. High percentages of cytotoxic T-cells have been shown to be an unfavorable prognostic indicator in Hodgkin's Disease. Gene Symbol: GZMB///CGL1///CSPB///CTLA1///GRB
Gene ID:	3002
UniProt:	P10144
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	Flow Cytometry: 0.5-1 µg/million cells in 0.1ml Immunofluorescence: 0.5-1 µg/mL Western blot: 1-2 µg/mL Immunohistochemistry (FFPE): 0.5-1 µg/mL for 30 min at RT (1)
Restrictions:	For Research Use only

Handling

Buffer:	In 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.