

Datasheet for ABIN5688512
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), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Granzyme B (monoclonal B18.1) antibody was raised against recombinant human granzyme B, amino acids 7-227.
Clone:	B18-1
Isotype:	IgG2a
Purification:	Granzyme B (monoclonal B18.1) antibody was purified to $\geq 95\%$ in SDS-PAGE.

Target Details

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

Target Details

Gene ID:	3002
UniProt:	P10144
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	Granzyme B antibody can be used for detection of human granzyme B by flow cytometry, immunocytochemistry, immunohistochemistry (frozen sections, paraffin sections), immunoprecipitation and western blot. Method: Permeabilized human T cells (5 x 10⁵) were incubated on ice for 30 min in 50 µl FACS buffer (PBS, 5 % Fetal calf serum, 0.02 % azide) containing 1 µg of FITC- labeled B18.1 antibody. After washing in FACS buffer, cells were analyzed by flow cytometry. Method: Human T cells were plated onto polylysine treated glass slides, fixed and permeabilized in methanol at -20oC for 5 min, then in acetone at -20oC for 30 sec. After 3 washes in PBS, 0.1 % BSA, slides were incubated for 1 hr at room temperature (RT) with 20 µg/mL of B18.4 antibody in PBS, 0.1 % BSA. After rinsing in PBS, a FITC-conjugated anti-mouse IgG was added for 30 min., slides washed again in PBS and visualized using a fluorescence microscope. Method: : Recombinant granzyme B was resolved by SDS-PAGE under reducing conditions, transferred to nitrocellulose and probed with the monoclonal anti-granzyme B antibody B18.1 at 1 µg/mL. Proteins were visualized using a peroxidase-conjugated antibody to mouse IgG (SBA) and a chemiluminescence detection system.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	PBS containing 0.02 % sodium azide
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:	4 °C
Storage Comment:	Granzyme B antibody can be stored at 4°C, stable for one year.