

Datasheet for ABIN675358

anti-GZMB antibody (AA 21-130) (Cy5)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	GZMB
Binding Specificity:	AA 21-130
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GZMB antibody is conjugated to Cy5
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GZMB
Isotype:	IgG
Specificity:	Specific towards Granzyme B and Granzyme H
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow,Pig
Purification:	Purified by Protein A.

Target Details

Target:	GZMB
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Target Details

Alternative Name:	Granzyme B (GZMB Products)
Background:	Synonyms: HLP, CCPI, CGL1, CSPB, SECT, CGL-1, CSP-B, CTLA1, CTSL1, Granzyme B, C11, CTLA-1, Cathepsin G-like 1, Cytotoxic T-lymphocyte proteinase 2, Lymphocyte protease, Fragmentin-2, Granzyme-2, Human lymphocyte protein, T-cell serine protease 1-3E, GZMB, GRB, Granzyme B, Granzyme H Background: This enzyme is necessary for target cell lysis in cell-mediated immune responses. It cleaves after Asp. Seems to be linked to an activation cascade of caspases (aspartate-specific cysteine proteases) responsible for apoptosis execution. Cleaves caspase-3, -7, -9 and 10 to give rise to active enzymes mediating apoptosis.
Gene ID:	3002
UniProt:	P10144
Pathways:	Apoptosis , Caspase Cascade in Apoptosis

Application Details

Application Notes:	FCM 1:20-100 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months