Datasheet for ABIN6141553

anti-GZMB antibody (AA 148-247)

3 Images

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Overview

Quantity:	100 µL
Target:	GZMB
Binding Specificity:	AA 148-247
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GZMB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 148-247 of human Granzyme B (NP_004122.2).
Sequence:	GQTAPLGKHS HTLQEVKMTV QEDRKCESDL RHYYDSTIEL CVGDPEIKKT SFKGDSGGPL VCNKVAQGIV SYGRNNGMPP RACTKVSSFV HWIKKTMKRY
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

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Target Details

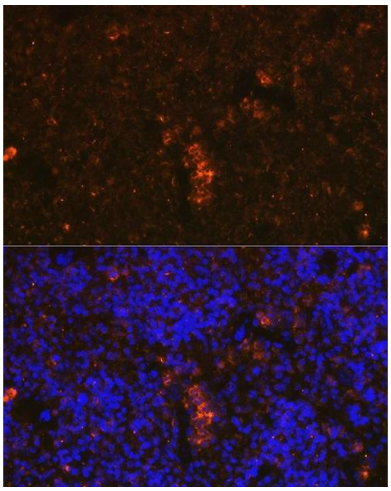
Target:	GZMB
Alternative Name:	GZMB (GZMB Products)
Background:	Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein encoded by this gene is crucial for the rapid induction of target cell apoptosis by CTL in cell-mediated immune response.,C11,CCPI,CGL-1,CGL1,CSP-B,CSPB,CTLA1,CTSGL1,HLP,SECT,Granzyme B,GZMB,Cell Biology & Developmental Biology,Apoptosis,Immunology & Inflammation,Cell Intrinsic Innate Immunity Signaling Pathway,GZMB
Molecular Weight:	27 kDa
Gene ID:	3002
UniProt:	P10144
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

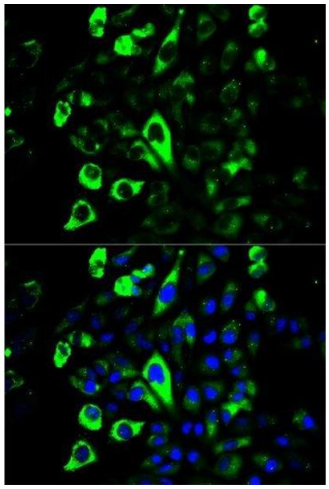
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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 at -20°C. Avoid freeze / thaw cycles.



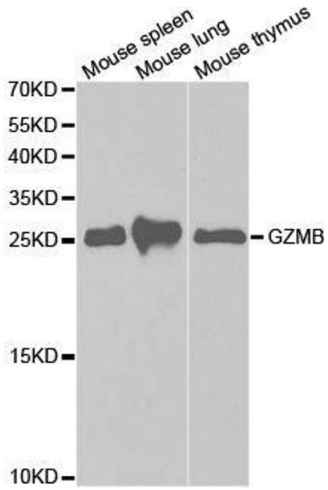
Immunofluorescence

Image 1. Immunofluorescence analysis of mouse spleen cells using Granzyme B Rabbit pAb (ABIN6127296, ABIN6141553, ABIN6141554 and ABIN6219658) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence

Image 2. Immunofluorescence analysis of U2OS cells using GZMB antibody.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using GZMB antibody.

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