

Datasheet for ABIN3031104
anti-GZMB antibody (C-Term)



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2 Images

Overview

Quantity:	100 µg
Target:	GZMB
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GZMB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	An amino acid sequence from the C-terminus of human Granzyme B (QEDRKCESDLRHYYDST) was used as the immunogen for this Granzyme B antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	GZMB
Alternative Name:	Granzyme B (GZMB Products)
Background:	Granzyme B is a serine protease that in humans is encoded by the GZMB gene. Granzyme B is expressed by cytotoxic T lymphocytes (CTL) and natural killer(NK) cells. CTL and NK cells share the remarkable ability to recognize specific infected target cells. They are though to protect

Target Details

their host by inducing apoptosis of cells that bear 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.

UniProt: [P10144](#)

Pathways: [Apoptosis, Caspase Cascade in Apoptosis](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the Granzyme B antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL

Restrictions: For Research Use only

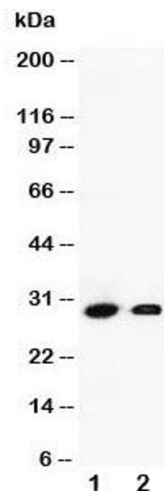
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

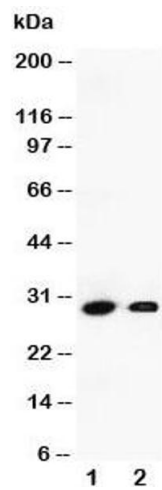
Storage Comment: After reconstitution, the Granzyme B antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of Granzyme B antibody and
Lane 1: human SMMC-7721; 2: mouse HEPA cell lysate.
Predicted size: 29KD



Western Blotting

Image 2. Western blot testing of Granzyme B antibody and
Lane 1: human SMMC-7721