

Datasheet for ABIN7177245
anti-GZMA antibody (AA 29-260)



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1 Image

Overview

Quantity:	100 µg
Target:	GZMA
Binding Specificity:	AA 29-260
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GZMA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Mouse Granzyme A protein (29-260AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	GZMA
Alternative Name:	Gzma (GZMA Products)
Background:	Background: Abundant protease in the cytosolic granules of cytotoxic T-cells and NK-cells which activates caspase-independent cell death with morphological features of apoptosis when

Target Details

delivered into the target cell through the immunological synapse. It cleaves after Lys or Arg. Cleaves APEX1 after '\\Lys-31\\' and destroys its oxidative repair activity. Cleaves the nucleosome assembly protein SET after '\\Lys-189\\', which disrupts its nucleosome assembly activity and allows the SET complex to translocate into the nucleus to nick and degrade the DNA (By similarity).

Aliases: Gzma antibody, CtlA-3 antibody, CtlA3 antibody, Mtsp-1 antibody, Granzyme A antibody, EC 3.4.21.78 antibody, Autocrine thymic lymphoma granzyme-like serine protease antibody, CTLA-3 antibody, Fragmentin-1 antibody, T cell-specific serine protease 1 antibody, TSP-1 antibody

UniProt: [P11032](#)

Pathways: [Apoptosis](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

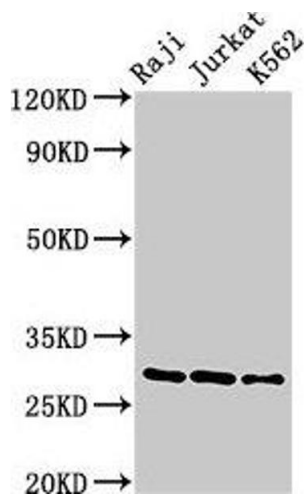
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western Blot Positive WB detected in: Raji whole cell lysate, Jurkat whole cell lysate, K562 whole cell lysate
All lanes: Gzma antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 29 kDa Observed band size: 29 kDa