



# Mouse Anti-Human GZMA/Granzyme A monoclonal antibody, clone GA29 (CABT-L6571Z)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	This monoclonal antibody enables specific detection of human Granzyme A in immunoassays such as ELISA.
<b>Specificity</b>	Native and recombinant human Granzyme A
<b>Immunogen</b>	Human granzyme A
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	GA29
<b>Purification</b>	Protein G purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA, ELISA(Cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-L6571Z - CABT-L6572Z Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific

<b>Size</b>	250ug
<b>Buffer</b>	PBS with 0.02% sodium azide.
<b>Preservative</b>	0.02% sodium azide
<b>Storage</b>	Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	Granzyme A is a serine protease packed together with e.g., granzyme B and perforin in cytoplasmic granules within cytotoxic T cells and NK cells. Release of the granule content is crucial for the elimination of infected or transformed cells. Perforin facilitates the delivery of granzymes, and cells resistant to the cytotoxic action of granzyme B may be sensitive to granzyme A and vice versa. Thus, the content of the granules will act in concert to induce target cell death by apoptosis.
<b>Keywords</b>	Granzyme A, GzmA, GrA, GrzA, CTLA3, HFSP