

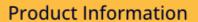
## GZMA monoclonal antibody, clone GA6

Catalog # MAB5333 Size 100 ug

Specification	
Product Description	Mouse monoclonal antibody raised against recombinant GZMA.
Immunogen	Recombinant protein corresponding to human GZMA.
Host	Mouse
Reactivity	Human
Specificity	This antibody recognizes Granzyme A, a 60kD disulphide-linked homodimeric protein expressed in cytoplasmic granules of cytotoxic lymphocytes. The biological function of Granzyme A is unclear. It wo uld appear that the molecule may have a role in the induction of apoptosis via its activity as a serine protease, but this would seem to be subsidiary to the role of Granzyme B. Granzyme A deficient mice are indistinguishable from normal animals in their response to infection.
Form	Liquid
Isotype	lgG1
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

## **Applications**

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)





Gene Info — GZMA	
Entrez GenelD	3001
Gene Name	GZMA
Gene Alias	CTLA3, HFSP
Gene Description	granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3)
Omim ID	140050
Gene Ontology	Hyperlink
Gene Summary	Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recogniz e, 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 intracellu lar pathogens. The protein described here is a T cell- and natural killer cell-specific serine proteas e that may function as a common component necessary for lysis of target cells by cytotoxic T lymp hocytes and natural killer cells. [provided by RefSeq
Other Designations	CTL tryptase Granzyme A (Cytotoxic T-lymphocyte-associated serine esterase-3; Hanukah factor serine protease) granzyme A

## Pathway

<u>Neuroactive ligand-receptor interaction</u>

## Disease

- Asthma
- Bronchiolitis
- Genetic Predisposition to Disease
- Infant
- Respiratory Syncytial Virus Infections