

## Monoclonal Mouse Antibody to Granzyme B

<b>Catalog No.:</b>	Mob 366, Mob 366-05
<b>Immunogen:</b>	BALB/C mice were injected with recombinant protein encoding the N-terminus of the mature granzyme B.
<b>Clone:</b>	GZB01
<b>Isotype:</b>	IgG2a
<b>Format:</b>	This antibody is supplied as a culture supernatant containing sodium azide as a preservative.
<b>Titer/Working Dilution:</b>	This antibody may be diluted to a titer of 1:10-1:25 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
<b>Staining Protocol:</b>	We suggest an incubation period of 60 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
<b>Specificity:</b>	This antibody reacts with a 32 kD protein. Granzymes are neutral serine proteases, which are stored in specialized lytic granules of cytotoxic T lymphocytes (CTLs) and in natural killer (NK) cells. A number of granzymes (A to G) have been isolated and cloned. Human granzymes B is involved in target cell apoptosis during lymphocyte-mediated cytotoxicity. This antibody is useful in the localization of granzyme B containing lytic granules and for the characterization of activated CTLs or NK cells.
<b>Positive Control:</b>	Hodgkin's lymphoma
<b>Cellular Localization:</b>	Granular cytoplasmic
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
<b>References:</b>	i) Andrade et al. Immunity 8: 451, 1998. ii) Cho et al. Yonsei Med J 38: 285, 1997. iii) de Bruin et al. Histopathol 31: 313, 1997.

### IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

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