

## Mouse Anti-Human Granzyme B clone GB-11 mAb

<b>Catalog No.</b>	CMG111	<b>Quantity:</b>	500 µg
<b>Alternate Names:</b>	C11, CTLA-1, CTSL1, Lymphocyte protease, fragmentin-2, granzyme-2, HLP, SECT, CGL1, CSBP		
<b>Description:</b>	The mouse monoclonal antibody recognizes human, chimpanzee, and rhesus Granzyme B, a serine protease most commonly found in the granules of cytotoxic lymphocytes (CTLs), natural killer cells (NK cells) and cytotoxic T cells. Granzyme B is secreted by these cells, along with the pore forming protein perforin to mediate apoptosis in target cells.		
<b>Clone:</b>	GB-11		
<b>Production:</b>	<i>In vitro</i> hybridoma supernatant, using serum free medium.		
<b>Conjugate:</b>	None		
<b>Specificity:</b>	Binds both natural and recombinant human Granzyme B <i>in vitro</i> .		
<b>Immunogen:</b>	Human granzyme B isolated from NK cell line YT-INDY		
<b>Isotype:</b>	Mouse IgG <sub>1</sub>		
<b>Formulation:</b>	Lyophilized, 500 µL PBS, 125 mM trehalose		
<b>Purification:</b>	Ion exchange chromatography.		
<b>Reconstitution:</b>	Dissolve the contents of the vial by injection of 500 µL sterile distilled water.		
<b>Applications:</b>	Coating antibody in ELISA and ELISPOT systems Flow cytometry		
<b>Storage &amp; Stability:</b>	Lyophilized product is stable for one year at 4 °C. Reconstituted the product is stable for one month at 4 °C and one year at -20 °C. Add 0.02% sodium azide to prevent bacterial growth. <b>Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

