

## GZMB

### 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, Cathepsin G-like 1, CTSL1, CTL proteinase 2, Granzyme-2, Fragmentin -2, Human lymphocyte protein, HLP		
<b>Description:</b>	This monoclonal antibody recognizes human Granzyme B, a serine protease most commonly found in the granules of cytotoxic lymphocytes (CTLs) and natural killer (NK) cells. It is secreted by these cells along with the pore forming protein perforin to mediate apoptosis in target cells.		
<b>UniProt ID:</b>	P10144		
<b>Gene ID:</b>	3002		
<b>Source:</b>	Produced <i>in vitro</i> using serum free medium.		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgG1		
<b>Quantitation:</b>	$E^{0.1\%}_{280nm} = 1.4$		
<b>Immunogen:</b>	Human Granzyme B derived from NK cell line YT-INDY		
<b>Hybridoma:</b>	SP2/0 cells + BALB/c splenocytes		
<b>Clone:</b>	GB-11		
<b>Specificity:</b>	Binds native and recombinant human Granzyme B <i>in vitro</i> .		
<b>Formulation:</b>	Lyophilized from sterile filtered 0.5 ml PBS, containing 125 mM trehalose		
<b>Applications:</b>	Flow Cytometry, ELISA and ELISPOT		
<b>Reconstitution:</b>	<b>Centrifuge vial briefly before opening.</b> Reconstitute with 0.5 ml sterile distilled water, containing 0.02% sodium azide to prevent bacterial growth (optional). <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Storage &amp; Stability:</b>	Store as supplied for 1 year at 2-8°C. Upon reconstitution, prepare working aliquots and store at -20 °C to -80 °C. <b>Avoid repeated freeze-thaw cycles.</b>		

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