

GZMB

Mouse Anti-Human Granzyme B (Clone GB-10) mAb

Catalog No.	CMG110	Quantity:	500 µg
Alternate Names:	Cytotoxic T-lymphocyte proteinase 2, Granzyme-2, Cathepsin G-like 1, CTLA-1, C11		
Description:	This antibody recognizes human Granzyme B, a serine protease most commonly found in the granules of cytotoxic lymphocytes (CTLs) and natural killer (NK) cells. Granzyme B is secreted by these cells along with perforin, the pore forming protein, to mediate apoptosis in target cells.		
UniProt ID:	P10144		
Gene ID:	3002		
Source:	Produced <i>in vitro</i> using serum free medium.		
Specificity:	Binds both native and recombinant human Granzyme B <i>in vitro</i> .		
Isotype:	Mouse IgG ₁		
Clone:	GB-10		
Quantitation:	$E^{0.1\%}_{280\text{ nm}} = 1.4$ for a 1 mg/ml solution.		
Formulation:	Prior to lyophilization, sterile filtered PBS containing 125 mM trehalose		
Purification:	Ion exchange chromatography.		
Reconstitution:	Centrifuge vial briefly before opening. Reconstitute with 0.5 ml sterile distilled water, containing 0.02% sodium azide to prevent bacterial growth (optional). Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	ELISA, ELISPOT		
Storage & Stability:	Lyophilized product is stable for at least one year at 2-8°C. After reconstitution, the contents can be safely stored at 2-8°C for one month or for one year in working aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

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



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