

## Product datasheet for **SM1805B**

### Granzyme B (GZMB) Mouse Monoclonal Antibody [Clone ID: GB10]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	GB10
Applications:	ELISA
Recommended Dilution:	ELISA: 1 µg/ml.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified human Granzyme B. Spleen cells from immunised Balb/c mice were fused with cells of the mouse SP2/0 myeloma cell line.
Specificity:	This antibody recognises the serine protease Granzyme B. This antibody has been reported to function as a detection reagent in ELISA assays for soluble Granzyme B in conjunction with GB11 (SM1806P) as capture reagent.
Formulation:	PBS containing 0.001% Thiomersal Label: Biotin State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Biotin
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	granzyme B
Database Link:	<a href="#">Entrez Gene 3002 Human P10144</a>
Background:	Granzyme B which is expressed within the granules of cytolytic lymphocytes (CTLs). Granzyme B plays a key role in the induction of apoptosis by CTLs. After delivery to the target cell Granzyme B activates the cascade of caspases that finally results in cell death.



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**Synonyms:** Granzyme-2, CGL1, CTSL1, CSPB, CTLA1, CTLA-1, GRB, SECT, Fragmentin-2