

Product datasheet for **SM1806P**

Granzyme B (GZMB) Mouse Monoclonal Antibody [Clone ID: GB11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	GB11
Applications:	ELISA, FC, IF, IHC, IP
Recommended Dilution:	ELISA: 2-5 µg/ml. Immunoprecipitation. Immunofluorescence. Immunohistochemistry on Frozen Sections. Flow Cytometry: Use 10 µl of 1/10-1/100 diluted antibody to label 1 ⁰ cells or 100 µl whole blood (Membrane permeabilisation is required).
Reactivity:	Chimpanzee, Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified human Granzyme B.
Specificity:	This antibody recognises the serine protease Granzyme B. This antibody has been reported to function as a Capture reagent in ELISA assays for soluble Granzyme B in conjunction with biotin conjugated clone GB10 (SM1805B) as detection reagent.
Formulation:	Tris buffered saline containing 0.09% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store 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



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Database Link: [Entrez Gene 3002 Human P10144](#)

Background: Granzyme B is important in the induction of apoptosis in target cells by 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.

Synonyms: Granzyme-2, CGL1, CTSSL1, CSPB, CTLA1, CTLA-1, GRB, SECT, Fragmentin-2