

Product datasheet for **SM1803P**

Granzyme A (GZMA) Mouse Monoclonal Antibody [Clone ID: GA6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	GA6
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on paraffin sections: 1/50 - 1/200; This product requires antigen retrieval using heat treatment prior to staining of paraffin sections; Sodium citrate buffer pH 6.0 is recommended for this purpose. Western blotting.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Granzyme A. Spleen cells from immunised Balb/c mice were fused with cells of the mouse SP2/0 myeloma cell line.
Specificity:	This antibody recognises Granzyme A.
Formulation:	TRIS buffered saline containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
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 A
Database Link:	Entrez Gene 3001 Human P12544



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Background:

Granzyme A is a 60kD disulphide-linked homodimeric protein expressed in cytoplasmic granules of cytotoxic lymphocytes. The biological function of Granzyme A is unclear. It would appear that the molecule may have a role in the induction of apoptosis via its activity as a serine protease, but this would seem to be subsidiary to the role of Granzyme B. Granzyme A deficient mice are indistinguishable from normal animals in their response to infection.

Synonyms:

Granzyme-1, Hanukkah factor, H factor, Fragmentin-1, CTLA3, HFSP