

Granzyme B Monoclonal Antibody (GB11), PE-Texas Red

Product Details	
Size	500 µL
Species Reactivity	Human
Published Species	Non-human primate, Human, Mouse, Rhesus monkey
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	GB11
Conjugate	PE-Texas Red
Excitation/Emission Max	567/615 nm
Immunogen	Human Granzyme B.
Form	Liquid
Purification	purified
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_2536540

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Assay-dependent	20 Publications

Product Specific Information

According to the literature this antibody recognizes the serine protease, granzyme B1. This enzyme is involved in apoptotic cell death. Granzyme B, as well as other enzymes contained in lytic granules, is released primarily by cytotoxic T lymphocytes (CTLs). In addition to immunostaining for flow cytometry, the GB11 mAb has been shown to be useful as an ELISA capture antibody.

Flow Cytometry (20)

<p>Translational lung cancer research</p> <p>Immune profile analysis of peripheral blood and tumors of lung cancer patients treated with immune checkpoint inhibitors.</p> <p>"GRB17 was used in Flow cytometry/Cell sorting to analyze the association between the immune-related molecular expression in peripheral blood mononuclear cells (PBMCs) and lung cancer tissues, and the effects of ICI monotherapy."</p> <p>Authors: Ichiki Y,Fukuyama T,Ueno M,Kanasaki Y,Goto H,Takahashi M,Mikami S,Kobayashi N,Nakanishi K,Hayashi S,Ishida T</p>	<p>Year 2022</p> <p>Species Human</p>
<p>Nature communications</p> <p>Limited impact of fingolimod treatment during the initial weeks of ART in SIV-infected rhesus macaques.</p> <p>"Published figure using Granzyme B monoclonal antibody (Product # GRB17) in Flow Cytometry"</p> <p>Authors: Pino M,Pagliuza A,Pampena MB,Deleage C,Viox EG,Nguyen K,Shim I,Zhang A,Harper JL,Samer S,King CT,Cervasi B,Gill KP,Ehnert S,Jean SM,Freeman ML,Lifson JD,Kulpa D,Betts MR,Chomont N,Lederman MM,Paiardini M</p>	<p>Year 2022</p>

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