

Granzyme B Monoclonal Antibody (GB11), PE-Cyanine5.5

Product Details	
Size	500 µL
Species Reactivity	Human
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	GB11
Conjugate	PE-Cyanine5.5
Excitation/Emission Max	564/692 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_2536541

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Assay-dependent	4 Publications

Flow Cytometry (4)

Frontiers in immunology

Functional changes in cytotoxic CD8+ T-cell cross-reactivity against the SARS-CoV-2 Omicron variant after mRNA vaccination.

"GRB18 was used in Flow cytometry/Cell sorting to suggest that mRNA vaccination induces a subpopulation of CD8+ T cells that may reduce COVID-19 severity."

Authors: Nogimori T, Suzuki K, Masuta Y, Washizaki A, Yagoto M, Ikeda M, Katayama Y, Kanda H, Takada M, Minami S, Kobayashi T, Takahama S, Yoshioka Y, Yamamoto T

Year
2023

Species
Human

Science translational medicine

BLIMP1 and NR4A3 transcription factors reciprocally regulate antitumor CAR T cell stemness and exhaustion.

"GRB18 was used in Flow cytometry/Cell sorting to investigate the dual targeting of PRDM1 and NR4A3 as a promising approach to advance adoptive cell immuno-oncotherapy."

Authors: Jung IY, Narayan V, McDonald S, Rech AJ, Bartoszek R, Hong G, Davis MM, Xu J, Boesteanu AC, Barber-Rotenberg JS, Plesa G, Lacey SF, Jadowsky JK, Siegel DL, Hammill DM, Cho-Park PF, Berger SL, Haas NB, Fraietta JA

Year
2022

Species
Human

[View more Flow references on thermofisher.com](#)

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