

Product Datasheet

Granzyme B Antibody (CLB-GB11) [PerCP] NBP1-50071PCP

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-50071PCP

Granzyme B Antibody (CLB-GB11) [PerCP]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	CLB-GB11
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	PerCP
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	3002
Gene Symbol	GZMB
Species	Human, Primate
Specificity/Sensitivity	The mouse monoclonal antibody CLB-GB11 recognizes granzyme B, a 31 kDa serine protease expressed in activated Tc cells and NK cells.
Immunogen	Human NK cell line YT-INDY-derived granzyme B
Product Application Details	
Applications	Flow Cytometry, Flow (Intracellular), CyTOF-ready
Recommended Dilutions	Flow Cytometry, Flow (Intracellular), CyTOF-ready



Publications

Lucien F, Kim Y, Qian J et al. Tumor-Derived Extracellular Vesicles Predict Clinical Outcomes in Oligometastatic Prostate Cancer and Suppress Antitumor Immunity International journal of radiation oncology, biology, physics 2022-06-04 [PMID: 35671867]

Gicobi JK, Mao Z, DeFranco G et al. Salvage therapy expands highly cytotoxic and metabolically fit resilient CD8+ T cells via ME1 up-regulation Science advances 2023-11-17 [PMID: 37967193] (FLOW, Human)

Vera Aguilera J, Paludo J, McWilliams RR et al. Chemo-immunotherapy combination after PD-1 inhibitor failure improves clinical outcomes in metastatic melanoma patients Melanoma Research 2020-08-01 [PMID: 32404734] (Flow Cytometry)

Davidson T, Zhang H, Dong H Et al. Overcoming Immunotherapy Resistance With Radiation Therapy and Dual Immune Checkpoint Blockade Adv Radiat Oncol 2022-04-04 [PMID: 35372720] (FLOW, Human)

Details:

Citation using the PerCP version of this antibody.

Davidson T, Zhang H, Dong H et al. Thinking Outside the Field: Two Cases of RT+ICI Synergy in Melanoma Research Square 2021-05-17

Yan Y, Cao S, Liu X et al. CX3CR1 identifies PD-1 therapy-responsive CD8+ T cells that withstand chemotherapy during cancer chemoimmunotherapy. JCI Insight. 2018-04-19 [PMID: 29669928] (FLOW, Human)





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Products Related to NBP1-50071PCP

NBP1-97005PCP	Mouse IgG1 Isotype Control (MG1) [PerCP]
NBP1-50071UV	Granzyme B Antibody (CLB-GB11) [DyLight 350]
NBP1-88151PEP	Granzyme B Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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