

Product Datasheet

Granzyme B Antibody NB100-684

Unit Size: 0.5 ml

Store at 4C. Do not freeze.

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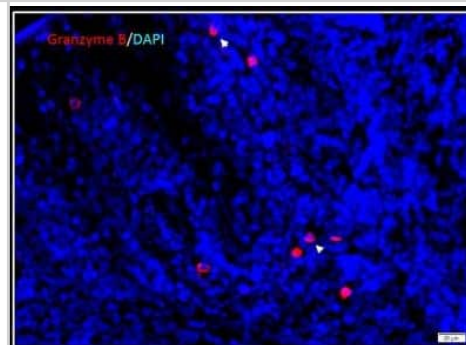
NB100-684

Granzyme B Antibody

Product Information	
Unit Size	0.5 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.4), 0.2% BSA, Tween-20
Product Description	
Host	Rabbit
Gene ID	3002
Gene Symbol	GZMB
Species	Human
Specificity/Sensitivity	This reacts with a 32 kDa protein.
Immunogen	Synthetic peptide: EIIGGHEAKPHSRPYMAYL, corresponding to amino acids 20-38 of Human Granzyme B (N-terminus).
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:50-1:100, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:50-1:100, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	IHC-P: recommended pretreatment of citrate buffer, pH 6.0. Recommended incubation time of 30 min at RT.

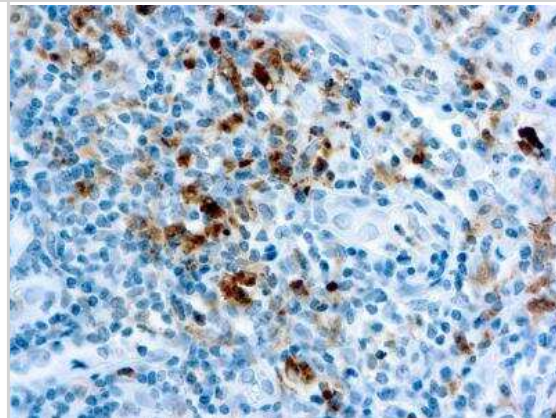
Images

Immunocytochemistry/Immunofluorescence: Granzyme B Antibody [NB100-684] - Staining of Granzyme B in red on FFPE human Tonsil. Secondary antibody is donkey anti-rabbit A647. Nuclei counter-stained with DAPI. Staining pattern is cytoplasmic with obvious polarization (see arrowheads) in some cases. This image was submitted via customer Review.



Single staining of Granzyme B in red on FFPE section of human Tonsil. Primary Ab is NB100-684 from Novus Biologicals, Secondary Ab is donkey anti-rabbit A647. Nuclei were counterstained with DAPI (in blue). The staining pattern is cytoplasmic with obvious polarization (see arrowheads) in some cases.

Immunohistochemistry-Paraffin: Granzyme B Antibody [NB100-684] - FFPE human tonsil stained with Granzyme B antibody.



Publications

Chen X, Zhao J, Herjan T et al. IL-17-induced HIF1 α drives resistance to anti-PD-L1 via fibroblast-mediated immune exclusion Journal of Experimental Medicine 2022-06-06 [PMID: 35389431] (Flow Cytometry, In vivo assay)

Fujiwara H, Mathew Av, Kovalneko I et Al. Mitochondrial Complex II In Intestinal Epithelial Cells Regulates T-cell Mediated Immunopathology Nat Immunol 2021-10-23 [PMID: 34686860]

Fang W, Zhou T, Shi H, et al. Progranulin induces immune escape in breast cancer via up-regulating PD-L1 expression on tumor-associated macrophages (TAMs) and promoting CD8 $^{+}$ T cell exclusion Journal of experimental & clinical cancer research : CR 2021-01-04 [PMID: 33390170] (IHC-P, Mouse)

Luchtel RA, Bhagat T, Pradhan K et al. High-dose ascorbic acid synergizes with anti-PD1 in a lymphoma mouse model Proc. Natl. Acad. Sci. U.S.A. 2020-01-21 [PMID: 31911474] (ICC/IF, Mouse)

Giles AJ, Hao S, Padgett M et al. Efficient ADCC- killing of meningioma by avelumab and a high-affinity natural killer cell line, haNK JCI Insight. 2019-10-17 [PMID: 31536478] (IHC-P, Human)

Gunderson AJ, Kaneda MM, Tsujikawa T et al. Bruton Tyrosine Kinase-Dependent Immune Cell Cross-talk Drives Pancreas Cancer. Cancer Discov. 2016-03-06 [PMID: 26715645] (IHC-P, Human)

Medler T, Murugan D, Horton W et al. Complement C5a Fosters Squamous Carcinogenesis and Limits T Cell Response to Chemotherapy Cancer Cell. 2018-10-08 [PMID: 30300579] (IF/IHC, IF/IHC, Mouse)



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Products Related to NB100-684

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-88151PEP	Granzyme B Recombinant Protein Antigen

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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