

Product Datasheet

TCR beta Antibody (8A3) NBP2-22486

Unit Size: 200 ug

Store at -20C. Avoid freeze-thaw cycles.

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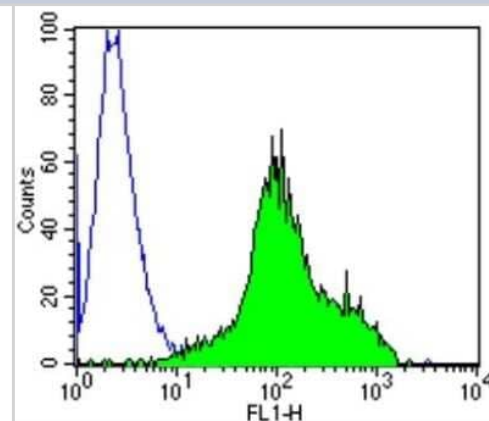
NBP2-22486**TCR beta Antibody (8A3)**

Product Information	
Unit Size	200 ug
Concentration	0.15 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	8A3
Preservative	0.1% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS with 0.5% BSA
Product Description	
Description	Novus Biologicals Mouse TCR beta Antibody (8A3) (NBP2-22486) is a monoclonal antibody validated for use in IHC, WB, Flow and IP. Anti-TCR beta Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	21577
Gene Symbol	Tcrb
Species	Human, Mouse, Primate, Yeast
Reactivity Notes	Primate reactivity reported in scientific literature (PMID: 7499875). Mouse reactivity reported in scientific literature (PMID: 21423155). Yeast reactivity reported in scientific literature (PMID: 21159619). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Human TCR beta chain constant region
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100 - 1:2000, Flow Cytometry 2 ug, Immunohistochemistry 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin 1:10 - 1:500

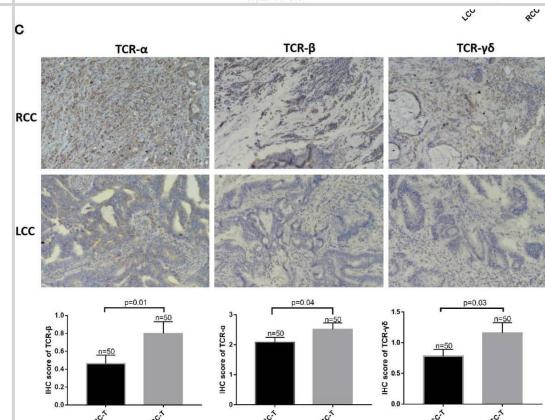


Images

Flow Cytometry: TCR beta Antibody (8A3) [NBP2-22486] - Analysis of TCR Beta F1 in Jurkat cells (green) compared to an isotype control (blue).



High HLA-DQA1 expression in RCC promotes antigen presentation and cytotoxic activity. The IHC images were taken at $\times 200$ magnification. (A) Differential analysis of TIICs showed that CD4+ T, CD8+ T and macrophages M1 were more expressed in RCC, while macrophages M0 was more expressed in LCC. (B) CD83, a marker of mature DCs, was used for IHC staining and it was highly expressed in tumor tissues of RCC but not LCC. (C) TCR $\alpha\beta$ and TCR $\gamma\delta$ were both more expressed in RCC than in LCC. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/35936748>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Hu Y, Ding J, Wu C et al. Differential Expression and Prognostic Correlation of Immune Related Factors Between Right and Left Side Colorectal Cancer *Frontiers in Oncology* 2022-07-22 [PMID: 35936748] (Human)

He Q, Lu Y, Tian W et al. TOX deficiency facilitates the differentiation of IL-17A-producing gamma sigma T cells to drive autoimmune hepatitis *Cellular & molecular immunology* 2022-08-19 [PMID: 35986136] (IHC-P)

Details:
Dilution: 1:200

Flores-Villanueva PO, Ganachari M, Guio H et al. An Isolated TCR AB Restricted by HLA-A*02:01/CT37 Peptide Redirecting CD8+T Cells To Kill and Secrete IFN-gamma in Response to Lung Adenocarcinoma Cell Lines. *J. Immunol.* 2018-03-19 [PMID: 29555781] (Human)



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Products Related to NBP2-22486

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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