

# Product Datasheet

## TRBC1 Antibody (JOVI.1) [Alexa Fluor® 488] NBP2-50355AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-50355AF488**

TRBC1 Antibody (JOVI.1) [Alexa Fluor® 488]

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	JOVI.1
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Alexa Fluor 488
Purity	Protein G purified
Buffer	50mM Sodium Borate

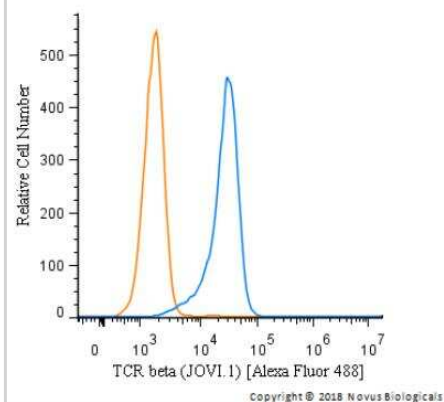
Product Description	
Host	Mouse
Gene ID	28639
Gene Symbol	TRBC1
Species	Human
Specificity/Sensitivity	Targets TCRBC1+ cells in a selective manner by recognizing 2 amino acid residues specifically exposed in TCRBC1 but not in TCRBC2.
Immunogen	Human HA1.7 TCR beta chain expressed on transgenic mouse cells.
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Frozen, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.



## Images

Flow Cytometry: TCR beta Antibody (JOVI.1) [Alexa Fluor® 488] [NBP2-50355AF488] - A surface stain was performed on Jurkat cells with TCR beta Antibody [JOVI.1] NBP2-50355AF488 (blue) and a matched isotype control (orange). Cells were incubated in an antibody dilution of 5 ug/mL for 20 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.





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### **Products Related to NBP2-50355AF488**

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IC003G	Mouse IgG2a Isotype Control (20102) [Alexa Fluor® 488]
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### **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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