

Product Datasheet

V alpha 24 J alpha 18 TCR Antibody (6B11) - BSA Free NBP2-00267

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 11

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-00267

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-00267



NBP2-00267

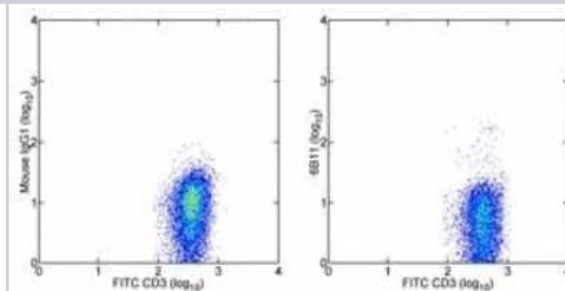
V alpha 24 J alpha 18 TCR Antibody (6B11) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6B11
Preservative	0.02% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse V alpha 24 J alpha 18 TCR Antibody (6B11) - BSA Free (NBP2-00267) is a monoclonal antibody validated for use in Flow. Anti-V alpha 24 J alpha 18 TCR Antibody: Cited in 11 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Human
Marker	iNKT Cells Marker
Immunogen	Peptide epitope in the CDR3 region of V alpha 24
Product Application Details	
Applications	Flow Cytometry, Flow (Cell Surface), CyTOF-ready
Recommended Dilutions	Flow Cytometry 1:10-1:1000, Flow (Cell Surface), CyTOF-ready
Application Notes	This 6B11 antibody has been tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at less than or equal to 1 ug per test. A test is defined as the amount (ug) of antibody that will stain a cell sample in a final volume of 100 ul. Cell number should be determined empirically but can range from 10 ⁵ to 10 ⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest. This antibody is CyTOF ready.

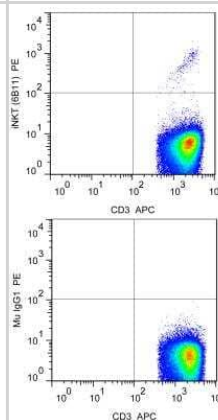


Images

Flow Cytometry: V alpha 24 J alpha 18 TCR Antibody (6B11) [NBP2-00267] - Staining of normal human peripheral blood mononuclear cells with Anti-Human CD3 FITC and 1.0 ug of Mouse IgG1 K Isotype Control Purified (left) or 1.0 ug of Anti-Human V alpha 24 J alpha 18 TCR Purified (right) followed by F(ab')₂ Anti-Mouse IgG PE . CD



Flow (Cell Surface): V alpha 24 J alpha 18 TCR Antibody (6B11) [NBP2-00267] - A cell surface stain was performed on CD3+ hPBMCs with V alpha 24 J alpha 18 TCR antibody (6B11) NBP2-00267PE (top image) and a matched isotype control NBP2-27287 (bottom image). Cells were incubated in an antibody dilution of 1 ug/mL for 20 minutes at room temperature. Both antibodies were conjugated to Phycoerythrin. A co-stain was also performed using CD3 antibody NBP2-24867APC.



Publications

Landoni E, Smith C, Fuca G, et al. Landoni E, Smith C, Fuca G, et al. *Cancer Immunol Res.* 2020-01-08 [PMID: 31719055] (Human)

van der Vliet HJ, Koon HB, Yue SC et al. Effects of the administration of high-dose interleukin-2 on immunoregulatory cell subsets in patients with advanced melanoma and renal cell cancer. *Clin Cancer Res.* 2007-04-01 [PMID: 17404092] (FLOW, Human)

Pham-Thi N, de Blic J, Leite-de-Moraes MC. Invariant natural killer T cells in bronchial asthma. *N Engl J Med.* 2006-06-15 [PMID: 16775881] (FLOW, Human)

Boyson JE, Rybalov B, Koopman LA et al. CD1d and invariant NKT cells at the human maternal-fetal interface. *Proc Natl Acad Sci U S A.* 2002-10-15 [PMID: 12368486] (FLOW, Human)

Bollyky PL, Wilson SB. CD1d-restricted T-cell subsets and dendritic cell function in autoimmunity. *Immunol Cell Biol.* 2004-06-01 [PMID: 15186262] (FLOW, Human)

Metelitsa LS, Wu HW, Wang H, Yang Y, Warsi Z, Asgharzadeh S, Groshen S, Wilson SB, Seeger RC Natural killer T cells infiltrate neuroblastomas expressing the chemokine CCL2. *J. Exp. Med.*, 2004-05-03;199(9):1213-21. 2004-05-03 [PMID: 15123743] (Flow Cytometry, Human)

Levy O, Orange JS, Hibberd P et al. Disseminated varicella infection due to the vaccine strain of varicella-zoster virus, in a patient with a novel deficiency in natural killer T cells. *J Infect Dis.* 2003-10-01 [PMID: 14513412] (FLOW, Human)

Kis J, Engelmann P, Farkas K et al. Reduced CD4+ subset and Th1 bias of the human iNKT cells in Type 1 diabetes mellitus. *J Leukoc Biol.* 2007-03-01 [PMID: 17151140]

Hou R, Goloubeva O, Neuberg DS et al. Interleukin-12 and interleukin-2-induced invariant natural killer T-cell cytokine secretion and perforin expression independent of T-cell receptor activation. *Immunology.* 2003-09-01 [PMID: 12941138] (FLOW, Human)

Fuss IJ, Heller F, Boirivant M et al. Nonclassical CD1d-restricted NK T cells that produce IL-13 characterize an atypical Th2 response in ulcerative colitis. *J Clin Invest.* 2004-05-01 [PMID: 15146247] (FLOW, Human)

Akbari O. The role of iNKT cells in development of bronchial asthma: a translational approach from animal models to human. *Allergy.* 2006-08-01 [PMID: 16867051] (Flow Cytometry, Human)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-00267

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-00267APC	V alpha 24 J alpha 18 TCR Antibody (6B11) [Allophycocyanin]

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-00267

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

