

Product Datasheet

TCR alpha Antibody (34) - Chimeric - Azide and BSA Free NBP2-52684-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-52684

Updated 10/23/2024 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/NBP2-52684



NBP2-52684-0.2mg

TCR alpha Antibody (34) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	34
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	6955
Gene Symbol	TRA
Species	Human
Specificity/Sensitivity	This antibody binds to the T-cell receptor alpha chains.
Immunogen	Purified recombinant soluble TCR from the T-cell hybridoma 85.33, corresponding to V alpha 11

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, CyTOF-ready
Recommended Dilutions	Western Blot 1:100 - 1:2000, Flow Cytometry 1:10 - 1:1000, ELISA 1:100 - 1:2000, CyTOF-ready
Application Notes	This antibody is Cytof ready. This full-length, chimeric rabbit antibody was made using the variable domain sequences of the original Mouse scFv format, for improved compatibility with existing reagents, assays and techniques. The antibody binds specifically to the recombinant and native variable domain of the alpha chain which comprises the T-cell receptor (TCR). The TCR is a disulfide-linked heterodimeric protein expressed on the surface of T-cells in complex with CD3 and zeta-chain molecules. The receptor functions in the recognition of MHC molecule and the subsequent activation of T-cells. The monoclonal antibody 34 recognises V-alpha regions of TCRs expressed in the 85.33 arthritogenic T-cell hybridoma and can be used to analyse TCR V gene expression and for immunotherapy in T cell mediated autoimmunity.





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 NBP2-52684-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00006955-P01-10ug	Recombinant Human TCR alpha GST (N-Term) Protein
H00006955-Q01-10ug	Recombinant Human TCR alpha GST (N-Term) Protein

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/NBP2-52684

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

