

Product Datasheet

TCR alpha/beta Antibody (Desire-1) - Azide and BSA Free NBP3-09020-0.2mg

Unit Size: 0.2 mg

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-09020

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/NBP3-09020



NBP3-09020-0.2mg

TCR alpha/beta Antibody (Desire-1) - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	Desire-1
Preservative	0.02% Proclin 300
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse TCR alpha/beta Antibody (Desire-1) - Azide and BSA Free (NBP3-09020) is a recombinant monoclonal antibody validated for use in Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6955
Gene Symbol	TRA
Species	Mouse
Specificity/Sensitivity	mAb desire-1 recognises an epitope contributed by both the alpha and beta chains of the KB5-C20 TCR.
Immunogen	mAb desire-1 was obtained after fusion of spleen cells from a BALB.K mouse immunised twice with KB5-C20 clone cells in RPMI 1640 medium, with non-Ig-producing myeloma cells X63-Ag8.653. Desire-1 was selected for its capacity to inhibit selectively the H-2Kb-specific cytotoxicity by clone KB5-C20.
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Application Notes	<p>This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG format, for improved compatibility with existing reagents, assays and techniques.</p> <p>Desire-1 has been used for the immunoprecipitation of soluble TCR molecules (Gregoire 1991 & Hua 1986). An FITC conjugated desire-1 has been used in flow cytometric analysis as a marker for clonotype expression (Schonrich 1991). Further, a Fab fragment derived from desire-1 has been used in the crystallisation of the T-cell receptor for 3D structure determination (Housset 1997).</p>



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 NBP3-09020-0.2mg

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)
AF1759	Oct-3/4 Antibody [Unconjugated]

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/NBP3-09020

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

