

Product Datasheet

TL1A/TNFSF15 Antibody (TAN2-2) - Chimeric - Azide and BSA Free NBP2-81120-0.2mg

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/NBP2-81120

Updated 7/28/2024 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/NBP2-81120



NBP2-81120-0.2mg

TL1A/TNFSF15 Antibody (TAN2-2) - 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	TAN2-2
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	9966
Gene Symbol	TNFSF15
Species	Mouse
Specificity/Sensitivity	This antibody is specific for TL1A/TNFSF15, a member of the TNF ligand family. TL1A/TNFSF15 is expressed by endothelial cells, tissue macrophages, monocyte-derived dendritic cells, plasma cells and lamina propria-derived lymphocytes. Among peripheral blood cells, TL1A/TNFSF15 has been shown to be expressed predominantly by CD4+CCR9+ lymphocytes. Its expression has been shown to be induced by TNF alpha, IL-1 alpha and IFN gamma.
Immunogen	This antibody was raised by immunising rats with a soluble recombinant TL1A/TNFSF15 (T77-L252):Fc protein.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG format, for improved compatibility with existing reagents, assays and techniques. This antibody has been used in FACS analyses to reveal the role of TL1A in humoral immune responses and its mechanism of action in the development of collagen-induced arthritis (Wang et al, 2013), and in immunofluorescence confocal microscopy to demonstrate how chronic DR3 signaling could promote pathogenesis in inflammatory bowel disease (Taraban et al, 2011). The therapeutic potential of this antagonistic anti-TL1A antibody in countering the DR3-TL1A pathway in the inflammatory joint disease has been confirmed in both of the murine adjuvant-induced arthritis (AIA) and collagen-induced arthritis (CIA) models (Bull et al, 2008). In addition, this antibody has been demonstrated to prevent chronic colitis and attenuate established colitis by down-regulation of both T-helper 1 and T-helper 17 activation (Takedatsu et al, 2008).





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 NBP2-81120-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-35067-5ug	Recombinant Human TL1A/TNFSF15 Protein
210-TA-005	TNF-alpha [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/NBP2-81120

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

