

# 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.

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**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).





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### **Products Related to NBP2-81120-0.2mg**

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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]

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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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