

# Product Datasheet

## **TRANCE/TNFSF11/RANK L Antibody (IK22-5) - Chimeric - Azide and BSA Free NBP2-81123-0.2mg**

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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**NBP2-81123-0.2mg**

TRANCE/TNFSF11/RANK L Antibody (IK22-5) - 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	IK22-5
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit TRANCE/TNFSF11/RANK L Antibody (IK22-5) - Chimeric - Azide and BSA Free (NBP2-81123) is a recombinant monoclonal antibody validated for use in IHC and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8600
Gene Symbol	TNFSF11
Species	Mouse
Specificity/Sensitivity	This antibody is specific for murine TRANCE/TNFSF11/RANK L.
Immunogen	Thus antibody was raised by immunising an SD rat with murine TRANCE/TNFSF11/RANK L-transfected baby hamster kidney cells.

Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Neutralization
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Neutralization
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original rat IgG2a format, for improved compatibility with existing reagents, assays and techniques. This antibody has been used in immunohistochemical analysis of frozen Peyer's patch tissue sections (Kobayashi et al, 2013). It has also been used in flow cytometric analysis of RANKL cell surface expression by Th1 and Th17 cells (Nakae et al, 2007), RANKL-transfected human embryonic kidney cells (Miyahira et al, 2003) and murine T hybridoma 2B4.11 cells (Fionda et al, 2007). Additionally, this RANKL-neutralising antibody has been used to assess the effects of RANKL inhibition on myoepithelial cell proliferation in mammary organoid culture (Haslam et al, 2008). Treatment of collagen-induced arthritis (CIA) mice with this antibody has been shown to reduce bone loss at the site of inflammation (Kamijo et al, 2006), while administration to C57BL/6J mice induced transient tibia and skull bone growth arrest and irreversible blockage of tooth eruption (Lezot et al, 2015).





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### **Products Related to NBP2-81123-0.2mg**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NB100-56392PEP	TRANCE/TNFSF11/RANK L Antibody Blocking Peptide
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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