

# Product Datasheet

## TNF RI/TNFRSF1A Antibody - BSA Free NBP1-97453-0.05mg

Unit Size: 0.05 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-97453-0.05mg**

TNF RI/TNFRSF1A Antibody - BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS and 50% Glycerol
Target Molecular Weight	55 kDa

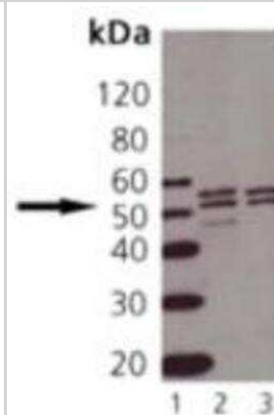
Product Description	
Description	Novus Biologicals Rabbit TNF RI/TNFRSF1A Antibody - BSA Free (NBP1-97453) is a polyclonal antibody validated for use in IHC, WB, Flow and IP. Anti-TNF RI/TNFRSF1A Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7132
Gene Symbol	TNFRSF1A
Species	Human, Mouse, Rat, Porcine, Bovine, Canine, Drosophila, Goat, Hamster, Monkey, Rabbit, Sheep, Xenopus, Yeast
Reactivity Notes	Yeast TNF-R1. Mouse and Goat reactivity reported from a verified customer review.
Immunogen	Synthetic peptide corresponding to a portion of mouse TNF-R1. The sequence is completely conserved in rat and human.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:20, Immunohistochemistry 1:10-1:500, Immunoprecipitation 12.5 ug/ml, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	TNF RI/TNFRSF1A antibody validated for FLOW from a verified customer review.

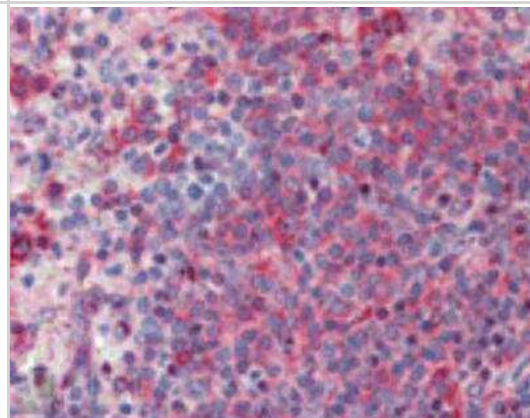


## Images

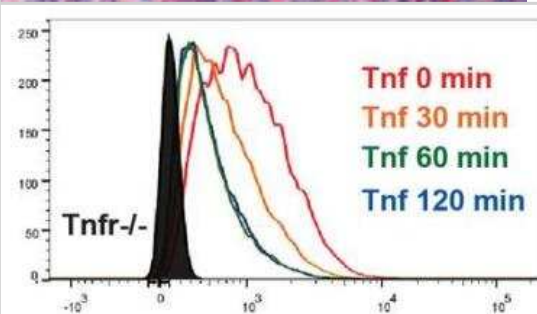
Western Blot: TNF RI/TNFRSF1A Antibody [NBP1-97453] - TNF-R1 Antibody [NBP1-97453] - Analysis of TNF-R1: Lane 1: MW marker, Lane 2: Hela (HS), Lane 3: Jurkat.



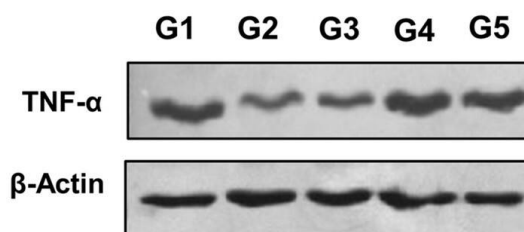
Immunohistochemistry-Paraffin: TNF RI/TNFRSF1A Antibody [NBP1-97453] - TNF-R1 Antibody [NBP1-97453] - Analysis of human spleen tissue stained with TNF receptor 1 pAb at 10ug/ml.



Flow Cytometry: TNF RI/TNFRSF1A Antibody [NBP1-97453] - TNF Receptor I Antibody [NBP1-97453] - MLL-AF9 transduced murine leukemia cells. Tnfr<sup>-/-</sup> cells were used as negative control. Image provided by verified customer.



Western Blot: Rabbit Polyclonal TNF RI/TNFRSF1A Antibody [NBP1-97453] -Quantification of TNF alpha in bone graft in the tibia of intrailiac cellularized goats at different times compared with tibial autograft and untreated bone defect. NBP1-97453 was used at a dilution of 1:1000 and Beta-actin antibody (Catalog # NB600-501) was used at a dilution of 1:3000. Evaluation of pre-cellularized graft in iliac crest in the treatment of bone defects in the tibia of goats. G1: cellularized graft for 4 weeks applied to tibial bone defect, G2: cellularized graft for 6 weeks applied to tibial bone defect, G3: cellularized graft for 8 weeks applied to tibial bone defect, G4: tibial autograft and G5: untreated bone defect. All groups were evaluated 10 days after graft implantation. Image from a verified customer review.



## Publications

James M. Murphy, Kyuho Jeong, Donna L. Cioffi, Pamela Moore Campbell, Hanjoong Jo, Eun-Young Erin Ahn, Ssang-Taek Steve Lim Focal Adhesion Kinase Activity and Localization is Critical for TNF- $\alpha$ -Induced Nuclear Factor- $\kappa$ B Activation Inflammation 2021-08-01 [PMID: 33527321]

Pasupulati A, Nishad R, Mukhi D et al. Growth hormone induces TNF-alpha in podocytes and contributes to monocyte-to-macrophage differentiation: Implications in Diabetic kidney disease Research Square 2022-02-02

H Yamawaki et al. Chronic physiological shear stress inhibits tumor necrosis factor-induced proinflammatory responses in rabbit aorta perfused ex vivo. Circulation 108, 1619. 2003-01-01 [PMID: 12963644] (IP, WB, Rabbit)





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### **Products Related to NBP1-97453-0.05mg**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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