

# Product Datasheet

## TRAIL/TNFSF10 Antibody - BSA Free NB500-220

Unit Size: 0.1 mg

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

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**NB500-220**

TRAIL/TNFSF10 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS
Target Molecular Weight	36 kDa
Product Description	
Host	Rabbit
Gene ID	8743
Gene Symbol	TNFSF10
Species	Human, Mouse
Reactivity Notes	Human, Mouse reactivity reported in scientific literature (PMID: 1914164).
Specificity/Sensitivity	Reacts with residues [SNTLSSPNSKNE] of the N terminus of the TRAIL protein.
Immunogen	residues [SNTLSSPNSKNE] of the N terminus of the TRAIL protein.
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:100-1:2000
Application Notes	Western blot- Use at 1:500 to 1:1,000 dilution. However, the investigator should determine the optimal dilution for a specific application such as immunohistochemistry  The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

**Publications**

Haagsma J, Kolendowski B, Buensuceso A et al. Gain-of-function p53(R175H) blocks apoptosis in a precursor model of ovarian high-grade serous carcinoma Scientific Reports 2023-07-14 [PMID: 37452087]

Haagsma J, Kolendowski B, Buensuceso A et al. Gain-of-function p53 R175H blocks apoptosis in a precursor model of ovarian high-grade serous carcinoma Research Square 2023-03-24 (WB)

Feng Y, Liu S, Zha R et al. Prostate cancer-associated urinary proteomes differ before and after prostatectomy Therapeutic advances in medical oncology 2022-10-27 [PMID: 36324734] (WB, Human)

Feng Y, Liu S, Zha R, et al. Mechanical Loading-Driven Tumor Suppression Is Mediated by Lrp5-Dependent and Independent Mechanisms Cancers 2021-01-13 [PMID: 33450808] (WB, Mouse)

Herzer K, Hofmann TG, Teufel A et al. IFN- $\alpha$ -Induced Apoptosis in Hepatocellular Carcinoma Involves Promyelocytic Leukemia Protein TRAIL Independently of p53. Cancer Res;69(3):855-62. 2009-02-01 [PMID: 19141642] (WB, Mouse)





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### **Products Related to NB500-220**

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NBL1-17161	TRAIL/TNFSF10 Overexpression Lysate
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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