

# Product Datasheet

## TRAILR3/TNFRSF10C Antibody - BSA Free NBP1-76881

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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### Publications: 4

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**NBP1-76881**

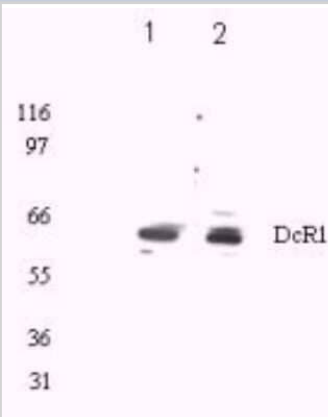
TRAILR3/TNFRSF10C Antibody - BSA Free

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	Ion exchange chromatography
Buffer	PBS
Target Molecular Weight	65 kDa
Product Description	
Host	Rabbit
Gene ID	8794
Gene Symbol	TNFRSF10C
Species	Human, Mouse, Rat
Immunogen	Antibody was raised against a peptide corresponding to amino acids in a extracellular domain of human DcR1 precursor. The immunogen is located within amino acids 140 - 190 of DcR1. Amino Acid Squence: CVEEFGANATVETPAAEET
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 0.5 ug/ml, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 10-20 ug/ml
Application Notes	An approximate 65 kDa band can be detected in Western Blot. TRAILR3/TNFRSF10C antibody validated for WB from a verified customer review.

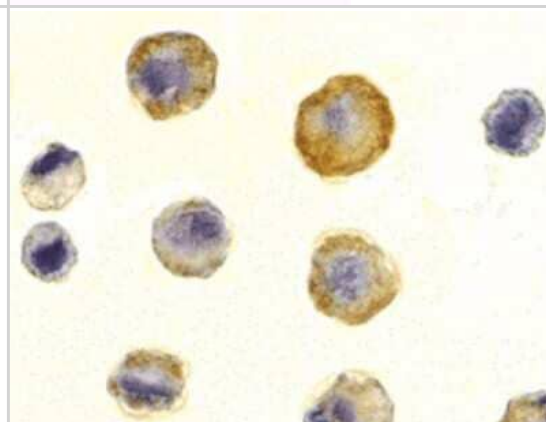


**Images**

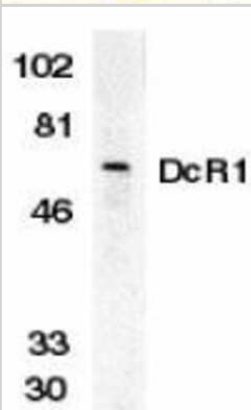
Western Blot: TRAILR3/TNFRSF10C Antibody [NBP1-76881] - Analysis of 20 ug of whole cell lysate from HeLa (Lane 1) and 293 (Lane 2) cells with anti-TRAIL-R3 at 1 ug/ml dilution. Image submitted by a verified customer review.



Immunocytochemistry/Immunofluorescence: TRAILR3/TNFRSF10C Antibody [NBP1-76881] - HeLa cells with DcR1 antibody at 10 ug/mL.



Western Blot: TRAILR3/TNFRSF10C Antibody [NBP1-76881] - HeLa whole cell lysate with TRAIL-R3 antibody (ED) at 1:500 dilution.



Immunocytochemistry/Immunofluorescence: TRAILR3/TNFRSF10C Antibody [NBP1-76881] - Immunofluorescence of DcR1 in HeLa cells with DcR1 antibody at 20 ug/mL.



## Publications

Nagane M, Shimizu S, Mori E et al. Predominant antitumor effects by fully human anti-TRAIL-receptor 2 (DR5) monoclonal antibodies in human glioma cells in vitro and in vivo. *Neuro Oncol.* 2010-07-01 [PMID: 20511188] (WB, Human)

### Details:

Products cited: 1. DcR2 (IMG-121-1): WB (human glioma cell lines), Fig 4B. 2. DcR1 (IMG-245-1): WB (human glioma cell lines), Fig 4B.

Kawakubo T, Okamoto K, Iwata J et al. Cathepsin E prevents tumor growth and metastasis by catalyzing the proteolytic release of soluble TRAIL from tumor cell surface. *Cancer Res.* 2007-11-15 [PMID: 18006832] (WB)

### Details:

Products cited: 1. IMG-121 (DcR2): WB (human prostate carcinoma cell lines), Fig. 4B. 2. IMG-245 (DcR1): WB (human prostate carcinoma cell lines), Fig. 4B.

Taniguchi H, Yoshida T, Horinaka M et al. Baicalein overcomes tumor necrosis factor-related apoptosis-inducing ligand resistance via two different cell-specific pathways in cancer cells but not in normal cells. *Cancer Res.* 2008-11-01 [PMID: 18974136]

### Details:

Products cited: 1. IMG-121 (DcR2): WB (human colon carcinoma SW480 cell line), Fig 3. 2. IMG-245 (DcR1): WB (human colon carcinoma SW480 cell line), Fig 3.

Jin F, Liu X, Zhou Z et al. Activation of nuclear factor-kappaB contributes to induction of death receptors and apoptosis by the synthetic retinoid CD437 in DU145 human prostate cancer cells. *Cancer Res.* 2005-07-15 [PMID: 16024638] (WB)

### Details:

IMGENEX antibodies cited for WB: 1. Caspase-3 mAb, clone 31A1067 (IMG-144A): Fig 3C, DU145 prostate adenocarcinoma cells. 2. DcR1 pAb (IMG-245-1/IMG-245-2): Fig 6C, DcR1 overexpressing DU145 cells. Note: The specificity of the DcR1 pAb was validated in Dc





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### **Products Related to NBP1-76881**

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NBP1-76881PEP	TRAILR3/TNFRSF10C Antibody Blocking Peptide
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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