

Product Datasheet

TRAILR1/TNFRSF10A Antibody (DR-4-02) - Azide and BSA Free NBP2-31343

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP2-31343

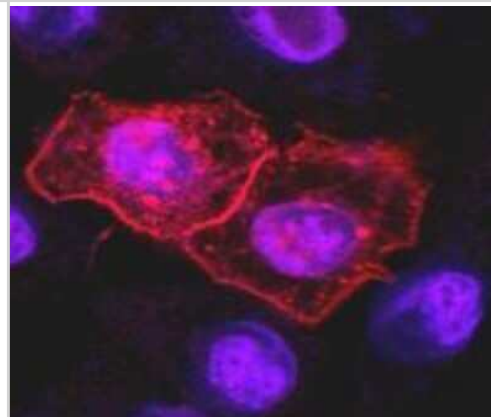
TRAILR1/TNFRSF10A Antibody (DR-4-02) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	DR-4-02
Preservative	No Preservative
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4), 0.2 um filter sterilized
Product Description	
Host	Mouse
Gene ID	8797
Gene Symbol	TNFRSF10A
Species	Human
Specificity/Sensitivity	The mouse monoclonal antibody DR-4-02 recognizes an extracellular epitope of TRAIL-R1 (DR4), a human death receptor 4 expressed in most human tissues (spleen, peripheral blood leucocytes, thymus) and in a variety of tumour-derived cell lines.
Immunogen	Fusion protein (Human). Fusion protein containing the extracellular part of DR4 and the constant part of the heavy chain of the human IgG1 (NM_003844.3).
Endotoxin Note	Endotoxin level is less than 0.01 EU/ug of the protein
Product Application Details	
Applications	Flow Cytometry, Functional, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Flow Cytometry 2-4 ug/ml, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Functional, CyTOF-ready
Application Notes	Soluble antibody DR-4-02 blocks apoptosis triggered by a ligand (TRAIL). Plastic-immobilized (cross-linked) DR-4-02 antibody induces apoptosis in sensitive cells. Recommended dilution of antibody: 2-3 ug/ml in cultivation medium Final concentration of TRAIL: 20-200 ng/ml It is recommended to add the antibody 15 min before addition of TRAIL. This antibody is CyTOF ready.

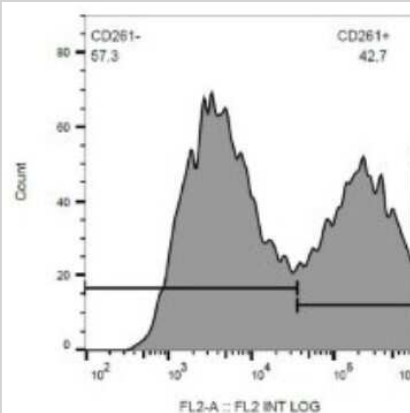


Images

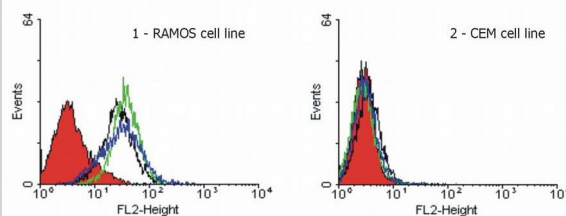
Immunocytochemistry/Immunofluorescence: TRAIL R1/TNFRSF10A Antibody (DR-4-02) - Azide Free [NBP2-31343] - Staining (confocal microscopy) of HeLa human cervix carcinoma cell line transfected with TRAIL-R1 expression plasmid using anti-human TRAIL-R1 (DR-4-02).



Flow Cytometry: TRAIL R1/TNFRSF10A Antibody (DR-4-02) - Azide Free [NBP2-31343] - Using the PE direct conjugate Surface staining of CD261-transfected HEK-293 cells with anti-CD261/TRAIL-R1 (DR-4-02) PE.



Analysis of TRAIL-R1 expression on the surface of hematopoietic cell lines. Cells were stained with purified anti-TRAIL-R1 purified antibodies (low endotoxin) followed by Goat anti-mouse IgG PE.



Publications

Van der Meer JMR, de Jonge PKJD, van der Waart AB et al. CD34(+) progenitor-derived NK cell and gemcitabine combination therapy increases killing of ovarian cancer cells in NOD/SCID/IL2Rg(null) mice *Oncolimmunology* 2021-10-07 [PMID: 34616589]

Sarkar S, Faller DV. Telomere-Homologous G-Rich Oligonucleotides Sensitize Human Ovarian Cancer Cells to TRAIL-Induced Growth Inhibition and Apoptosis *Nucleic Acid Ther* 2013 May 2 2013-05-02 [PMID: 23634944]

Details:

This citation used the FITC version of this antibody.



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-31343

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-33716PEP	TRAILR1/TNFRSF10A Recombinant Protein Antigen

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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