

Product Datasheet

TRF-1 Antibody (TRF-78) - BSA Free NB100-1701

Unit Size: 0.05 ml

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

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NB100-1701

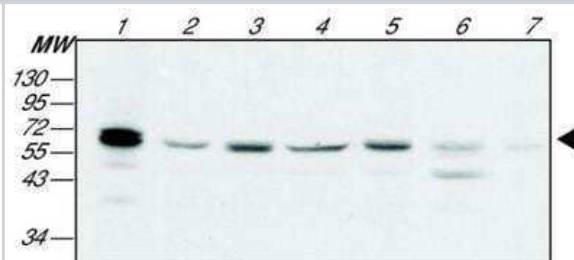
TRF-1 Antibody (TRF-78) - BSA Free

Product Information	
Unit Size	0.05 ml
Concentration	2.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	TRF-78
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	10mM PBS (pH 7.4)
Target Molecular Weight	70 kDa
Product Description	
Description	Novus Biologicals Mouse TRF-1 Antibody (TRF-78) - BSA Free (NB100-1701) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-TRF-1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7013
Gene Symbol	TERF1
Species	Human
Marker	Telomere Marker
Specificity/Sensitivity	TRF1 (TRF-78)
Immunogen	Human TRF1 protein produced in baculovirus.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Microarray
Recommended Dilutions	Western Blot 2-4 ug/ml, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Microarray
Application Notes	In Western Blot a 70 kDa band is seen.

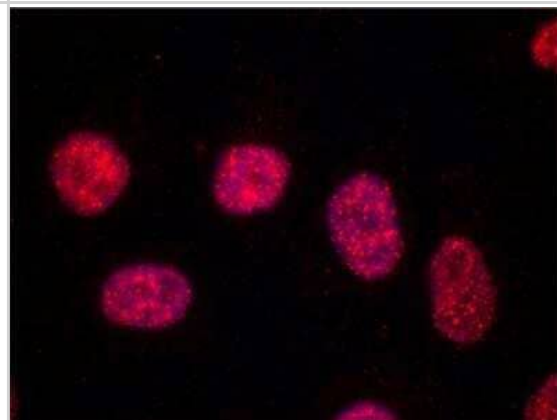


Images

Western Blot: TRF-1 Antibody (TRF-78) [NB100-1701] - Cell line lysates were separated on SDS-PAGE and probed with 4 ug/mL Monoclonal Anti-TRF1 Clone: TRF-78. Lane 1: HeLa Nuclear, Lane 2: HeLa, Lane 3: HEK-293T, Lane 4: U2OS, Lane 5: HepG2, Lane 6: P19, Lane 7: PC12.



Immunocytochemistry/Immunofluorescence: TRF-1 Antibody (TRF-78) - BSA Free [NB100-1701] - HeLa cells were fixed and permeabilized with 4% paraformaldehyde followed by 0.5% Triton X-100. Fixed cells were stained with 10 ug/mL Monoclonal Anti-TRF1 Clone: TRF-78. The antibody was developed using Goat Anti-Mouse IgG, Cy3 conjugate. Cells were counterstained with DAPI (blue) to stain nuclei.



Publications

Betlej G, Zabek T, Lewinska A et al. RNA 5-methylcytosine status is associated with DNMT2/TRDMT1 nuclear localization in osteosarcoma cell lines Journal of Bone Oncology 2022-07-01 [PMID: 35942470] (ICC/IF, Human)

Deregowska A, Pepek M, Pruszczyk K et al. Differential Regulation of Telomeric Complex by BCR-ABL1 Kinase in Human Cellular Models of Chronic Myeloid Leukemia-From Single Cell Analysis to Next-Generation Sequencing Genes (Basel) 2020-09-29 [PMID: 33003326] (WB, Human)

Zhu, Q, Yasumoto, H, Tsai, R Y L. Nucleostemin Delays Cellular Senescence Negatively Regulates TRF1 Protein Stability, . 26, 9279-9290. 2006-01-01 [PMID: 17000763]



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Products Related to NB100-1701

NB800-PC9	HeLa Nuclear Cell Lysate
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)

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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