

# Product Datasheet

## TRF-1 Antibody (57-6) - Azide and BSA Free NBP2-80993

Unit Size: 0.1 ml

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

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**NBP2-80993**

TRF-1 Antibody (57-6) - Azide and BSA Free

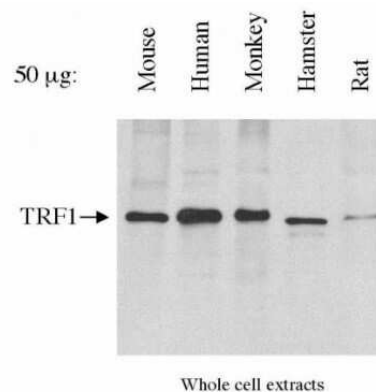
Product Information	
Unit Size	0.1 ml
Concentration	1.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	57-6
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	Tris-Glycine, 0.15M NaCl
Target Molecular Weight	60 kDa

Product Description	
Host	Mouse
Gene ID	7013
Gene Symbol	TERF1
Species	Human, Mouse, Rat, Monkey
Immunogen	Recombinant human TRF1 [UniProt# P54274]

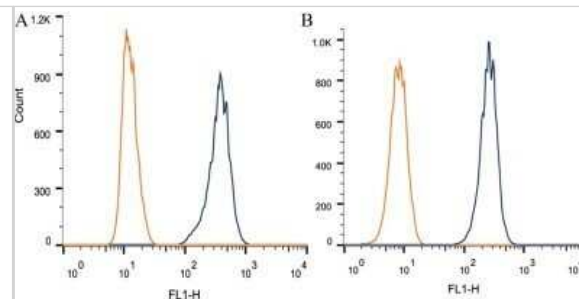
Product Application Details	
Applications	Western Blot, Simple Western, ELISA, Flow Cytometry, ICC/IF (Negative)
Recommended Dilutions	Western Blot : 0.5 ug/ml, Simple Western : 1:200, Flow Cytometry : 1 ug per million cells, ELISA 1:100 - 1:2000, ICC/IF (Negative)
Application Notes	<p>This TRF1 antibody is useful for ELISA and Western blot, where a band can be seen at approx. 60 kDa.</p> <p>In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. Separated by Size-Wes, Sally Sue/Peggy Sue.</p> <p>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.</p>

**Images**

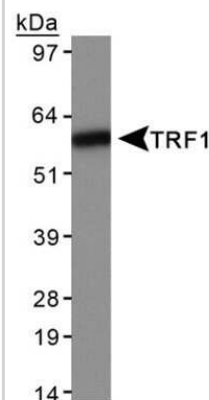
Western Blot: TRF-1 Antibody (57-6) - Azide and BSA Free [NBP2-80993] - Detection of TRF1. 50 ug of total lysate each lane. Image from the standard format of this antibody.



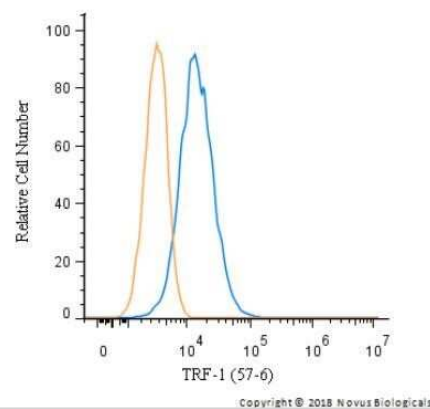
Flow Cytometry: TRF-1 Antibody (57-6) - Azide and BSA Free [NBP2-80993] - Intracellular flow cytometric staining of  $1 \times 10^6$  CHO (A) and HEK-293 (B) cells using TRF1 antibody (dark blue). Isotype control shown in orange. An antibody concentration of  $1 \mu\text{g}/1 \times 10^6$  cells was used. Image from the standard format of this antibody.



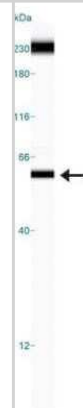
Western Blot: TRF-1 Antibody (57-6) - Azide and BSA Free [NBP2-80993] - Detection of TRF1 in HeLa whole cell extracts. Image from the standard format of this antibody.



Flow Cytometry: TRF-1 Antibody (57-6) - Azide and BSA Free [NBP2-80993] - An intracellular stain was performed on HeLa with NB110-68281 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of  $2.5 \mu\text{g}/\text{mL}$  for 30 minutes at room temperature, followed by mouse F(ab)<sub>2</sub> IgG (H+L) APC-conjugated secondary antibody (F0101B, R&D Systems). Image from the standard format of this antibody.



Simple Western: TRF-1 Antibody (57-6) - Azide and BSA Free [NBP2-80993] - Image shows a specific band for TRF1 in  $0.5 \text{ mg}/\text{mL}$  of HeLa lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. Image from the standard format of this antibody.





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### **Products Related to NBP2-80993**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00007013-Q01-10ug	Recombinant Human TRF-1 GST (N-Term) Protein

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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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