

# Product Datasheet

## TRF-2 Antibody (4A794.15) [Alexa Fluor® 647] NB100-56506AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-56506AF647**

TRF-2 Antibody (4A794.15) [Alexa Fluor® 647]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	4A794.15
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 647
Purity	Protein G purified
Buffer	50mM Sodium Borate
Target Molecular Weight	59.6 kDa
Product Description	
Host	Mouse
Gene ID	7014
Gene Symbol	TERF2
Species	Human, Mouse, Rat, Deer, Marsupial
Marker	Telomeres marker
Specificity/Sensitivity	The TRF2 antibody recognizes full-length TRF2 as well as TRF2 forms lacking both the N-terminal basic domain (B) and the telobox Myb-like C-terminal DNA-binding domain (M). TRF2 forms missing the B and M domains are often referred to as mutant TRF2. Although the exact epitope recognized by the TRF2 antibody has not been mapped, the scientific literature indicates it is in the D or L domain, but not in the B or M domain.
Immunogen	This TRF-2 Antibody (4A794.15) [Alexa Fluor 647] was developed against Baculovirus expressed whole length TRF2 protein, used for immunizing mice and splenocytes used to generate the hybridoma clone (NP_005643).
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

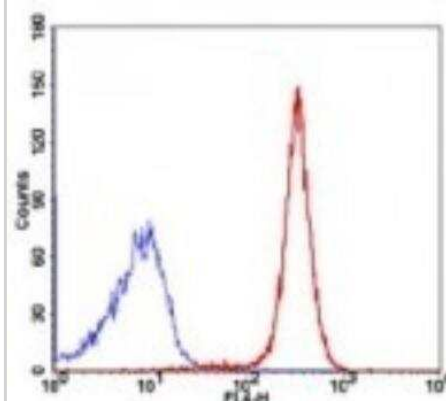


**Product Application Details**

<b>Applications</b>	Western Blot, Simple Western, ELISA, Flow Cytometry, Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Proximity Ligation Assay, Chromatin Immunoprecipitation (ChIP), CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot, Simple Western, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting, Proximity Ligation Assay, Chromatin Immunoprecipitation (ChIP), CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

**Images**

Flow Cytometry: TRF-2 Antibody (4A794.15) [Alexa Fluor® 647] [NB100-56506AF647] - Analysis using the Alexa Fluor (R) 647 conjugate. Staining of TRF2 in  $10^6$  human Jurkat cells using 10  $\mu$ L (0.1  $\mu$ g). The blue histogram represents isotype control and red represents anti-TRF2.





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### **Products Related to NB100-56506AF647**

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IC002R	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 647]
NB100-56506AF700	TRF-2 Antibody (4A794.15) [Alexa Fluor® 700]
NBP1-86911PEP	TRF-2 Recombinant Protein Antigen
M5000	IL-5 [HRP]

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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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