

Product Datasheet

TRF-2 Antibody (4A794.15) [PE] NB100-56506PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-56506PE

TRF-2 Antibody (4A794.15) [PE]

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	PE
Purity	Protein G purified
Buffer	PBS
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) [PE] was developed against Baculovirus expressed whole length TRF2 protein, used for immunizing mice and splenocytes used to generate the hybridoma clone (NP_005643).
Notes	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	
Applications	Western Blot, Simple Western, ELISA, Flow Cytometry, Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Proximity Ligation Assay, Chromatin Immunoprecipitation (ChIP), CyTOF-ready
Recommended Dilutions	Western Blot, Simple Western, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting, Proximity Ligation Assay, Chromatin Immunoprecipitation (ChIP), CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Publications

LNT Nguyen, LN Nguyen, J Zhao, M Schank, X Dang, D Cao, S Khanal, XY Wu, Y Zhang, J Zhang, S Ning, L Wang, ME Gazzar, JP Moorman, ZQ Yao TRF2 inhibition rather than telomerase disruption drives CD4 T cell dysfunction during chronic viral infection *Journal of Cell Science*, 2022-07-04;0(0):. 2022-07-04 [PMID: 35660868]





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Products Related to NB100-56506PE

NBP1-43319PE-0.5ml	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [PE]
NB100-56506APC	TRF-2 Antibody (4A794.15) [Allophycocyanin]
NBP1-86910PEP	TRF-2 Recombinant Protein Antigen
M5000	IL-5 [HRP]

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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