

Product Datasheet

RPL19 Antibody (3H4) - Azide and BSA Free H00006143-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Reviews: 1 Publications: 10

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00006143-M01

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/H00006143-M01



H00006143-M01

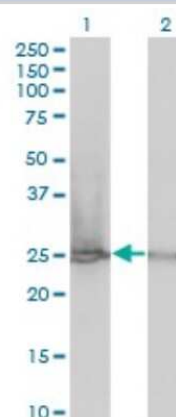
RPL19 Antibody (3H4) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3H4
Preservative	No Preservative
Isotype	IgG2a Lambda
Purity	IgG purified
Buffer	PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	6143
Gene Symbol	RPL19
Species	Human, Mouse, Rat, Yeast
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	RPL19 - ribosomal protein L19
Immunogen	RPL19 (NP_000972, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MSMLRLQKRLASSVLRCGKKKVWLDPNETNEIANANSRQQIRKLIKDGLIIRKPV TVHSRARCRCRNTLARRKGRHMGIGKRKGTANARMPEKVTWMRRMR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen

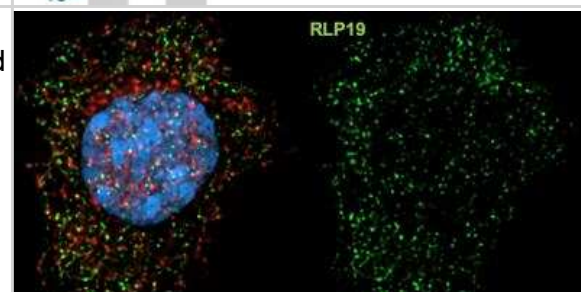


Images

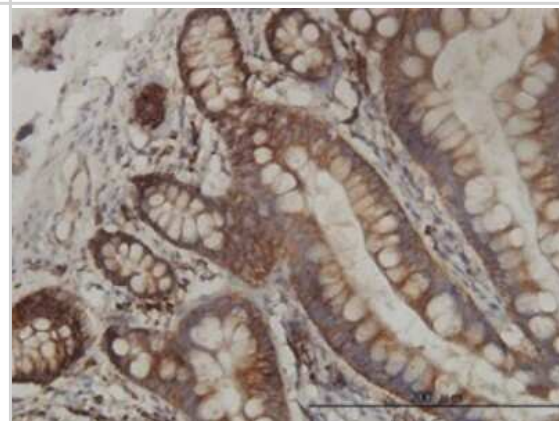
Western Blot: RPL19 Antibody (3H4) [H00006143-M01] - Analysis of RPL19 expression in transfected 293T cell line by RPL19 monoclonal antibody (M01), clone 3H4. Lane 1: RPL19 transfected lysate (Predicted MW: 23.5 KDa). Lane 2: Non-transfected lysate.



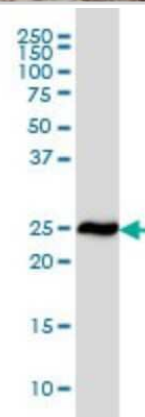
Immunocytochemistry/Immunofluorescence: RPL19 Antibody (3H4) [H00006143-M01] - Immortalised untreated mouse dendritic cells stained with DAPI, Mettl27 and RPL19 in green. Acquisition in confocal imaging. RLP19 primary antibody coupled with Alexa488. ICC/IF image submitted by a verified customer review.



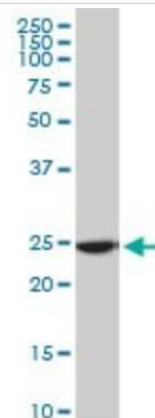
Immunohistochemistry-Paraffin: RPL19 Antibody (3H4) [H00006143-M01] - Analysis of monoclonal antibody to RPL19 on formalin-fixed paraffin-embedded human small Intestine tissue. Antibody concentration 1 ~ 10 ug/ml.



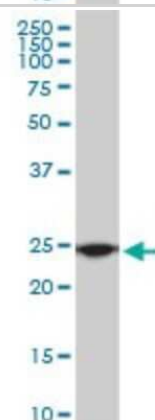
Western Blot: RPL19 Antibody (3H4) [H00006143-M01] - RPL19 monoclonal antibody (M01), clone 3H4 Analysis of RPL19 expression in HeLa.



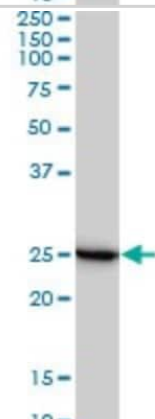
Western Blot: RPL19 Antibody (3H4) [H00006143-M01] - RPL19 monoclonal antibody (M01), clone 3H4. Analysis of RPL19 expression in PC-12.



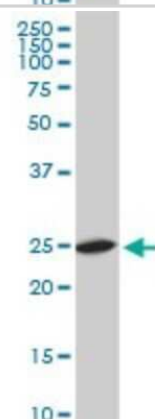
Western Blot: RPL19 Antibody (3H4) [H00006143-M01] - RPL19 monoclonal antibody (M01), clone 3H4. Analysis of RPL19 expression in Raw 264.7.



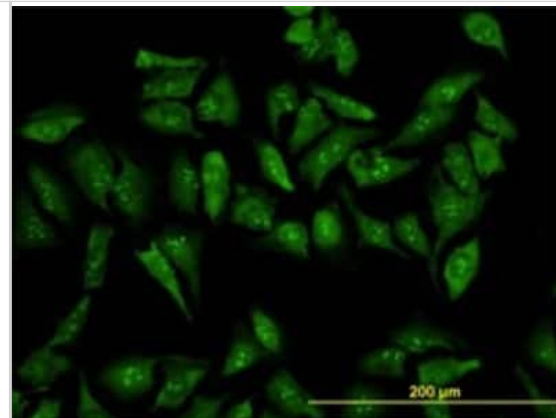
Western Blot: RPL19 Antibody (3H4) [H00006143-M01] - RPL19 monoclonal antibody (M01), clone 3H4. Analysis of RPL19 expression in Jurkat.



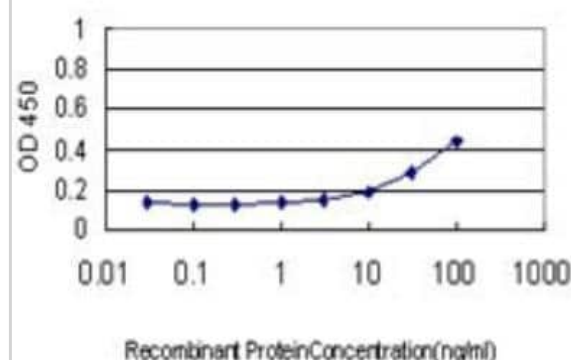
Western Blot: RPL19 Antibody (3H4) [H00006143-M01] - RPL19 monoclonal antibody (M01), clone 3H4. Analysis of RPL19 expression in NIH/3T3.



Immunocytochemistry/Immunofluorescence: RPL19 Antibody (3H4) [H00006143-M01] - Analysis of monoclonal antibody to RPL19 on HeLa cell. Antibody concentration 10 ug/ml.



ELISA: RPL19 Antibody (3H4) [H00006143-M01] - Detection limit for recombinant GST tagged RPL19 is approximately 3ng/ml as a capture antibody.



Publications

Vind AC, Snieckute G, Blasius M, Tiedje C et al. ZAK? Recognizes Stalled Ribosomes through Partially Redundant Sensor Domains Mol Cell 2020-04-15 [PMID: 32289254]

Snieckute G, Genzor AV, Vind AC et al. Ribosome stalling is a signal for metabolic regulation by the ribotoxic stress response Cell metabolism 2022-11-08 [PMID: 36384144] (WB, Human)

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01

Brody MJ, Vanhoutte D, Bakshi CV et al. Disruption of valosin-containing protein activity causes cardiomyopathy and reveals pleiotropic functions in cardiac homeostasis. J Biol Chem. 2019-04-21 [PMID: 31006653]

Albanese Christina M, Suttapitugsakul Suttipong, Perati Shruthi, McGown Linda B A genome-inspired, reverse selection approach to aptamer discovery. Talanta 2017-09-01 [PMID: 29108569] (WB, Human)

Sadaie M, Shinmyozu K, Nakayama JI. A conserved SET-domain methyltransferase, Set11, modifies ribosomal protein Rpl12 in fission yeast. J Biol Chem. 2008-01-14 [PMID: 18195021]

Bee A, Brewer D, Beesley C et al. siRNA Knockdown of Ribosomal Protein Gene RPL19 Abrogates the Aggressive Phenotype of Human Prostate Cancer. PLoS One. 2011-07-22 [PMID: 21799931]

Sugihara Y, Sadohara E, Yonezawa K et al. Identification and expression of an autosomal paralogue of ribosomal protein S4, X-linked, in mice: Potential involvement of testis-specific ribosomal proteins in translation and spermatogenesis. Gene. 2013-05-25 [PMID: 23500592]

Kolisek M, Sponder G, Mastrototaro L et al. Substitution p.A350V in Na(+)/Mg(2+) Exchanger SLC41A1, Potentially Associated with Parkinson's Disease, Is a Gain-of-Function Mutation. PLoS One. 2013-08-15 [PMID: 23976986]

Seguin SJ, Morelli FF, Vinet J et al. Inhibition of autophagy, lysosome and VCP function impairs stress granule assembly. Cell Death Differ. 2014-07-18 [PMID: 25034784]



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 H00006143-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
H00006143-Q01-10ug	Recombinant Human RPL19 GST (N-Term) Protein
202-IL-010	IL-2 [Unconjugated]

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/H00006143-M01

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

