

Product Datasheet

RPS19 Antibody (3C6) - Azide and BSA Free H00006223-M01

Unit Size: 0.1 mg

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

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H00006223-M01

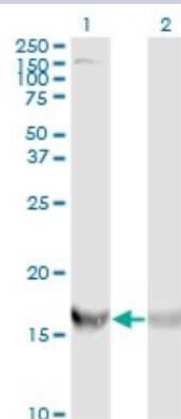
RPS19 Antibody (3C6) - Azide and BSA Free

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	3C6
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	6223
Gene Symbol	RPS19
Species	Human, Mouse
Specificity/Sensitivity	RPS19 - ribosomal protein S19
Immunogen	RPS19 (AAH00023, 1 a.a. ~ 145 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MPGVTVKDVENQQEFVRLAAFLKKSGKLVPEWVDTVKLAKHKELAPYDENW FYTRAASTARHLYLRGGAGVGSMTKIYGGQRNGVMPSHFSGSKSVARRVL QALEGLKMVEKDQDGGGRKLTTPQGQRDLDRAGQVAAANKKH
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

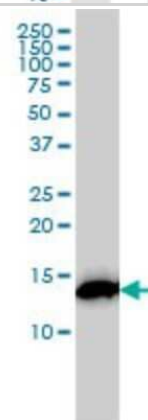


Images

Western Blot: RPS19 Antibody (3C6) [H00006223-M01] - Analysis of RPS19 expression in transfected 293T cell line by RPS19 monoclonal antibody (M01), clone 3C6. Lane 1: RPS19 transfected lysate(16.1 KDa). Lane 2: Non-transfected lysate.



Western Blot: RPS19 Antibody (3C6) [H00006223-M01] - RPS19 monoclonal antibody (M01), clone 3C6 Analysis of RPS19 expression in K-562.



Publications

Rey MA, Duffy SP, Brown JK et al. Enhanced alternative splicing of the FLVCR1 gene in Diamond Blackfan anemia disrupts FLVCR1 expression and function that are critical for erythropoiesis. *Haematologica*. 2008-11-01 [PMID: 18815190]

Caterino M, Corbo C, Imperlini E et al. Differential proteomic analysis in human cells subjected to ribosomal stress. *Proteomics*. 2013-02-15 [PMID: 23412928]

Singh SA, Goldberg TA, Henson AL et al. p53-Independent Cell Cycle and Erythroid Differentiation Defects in Murine Embryonic Stem Cells Haploinsufficient for Diamond Blackfan Anemia-Proteins: RPS19 versus RPL5. *PLoS One*. 2014-02-18 [PMID: 24558476]

Aspesi A, Pavesi E, Robotti E et al. Dissecting the transcriptional phenotype of ribosomal protein deficiency: implications for Diamond-Blackfan Anemia. *Gene*. 2014-05-15 [PMID: 24835311]

Sezgin G, Henson AL, Nihrane A et al. Impaired growth, hematopoietic colony formation, and ribosome maturation in human cells depleted of Shwachman-Diamond syndrome protein SBDS. *Pediatr Blood Cancer*. 2013-02-01 [PMID: 22997148] (WB, Human)



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 H00006223-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-23432	Recombinant Human RPS19 His Protein

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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