

Product Datasheet

RPS5 Antibody (4H3) - Azide and BSA Free H00006193-M02

Unit Size: 0.1 mg

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

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H00006193-M02

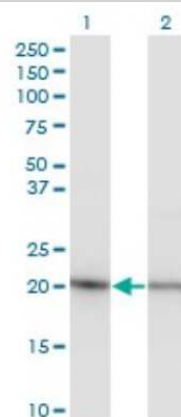
RPS5 Antibody (4H3) - Azide and BSA Free

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	4H3
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	6193
Gene Symbol	RPS5
Species	Human, Mouse, Rat, Protozoa
Reactivity Notes	Trypanosoma brucei reactivity reported in scientific literature (PMID: 24706018). 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	RPS5 (4H3)
Immunogen	RPS5 (NP_001000, 106 a.a. ~ 204 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. ENPLQVLVNAIINSGPREDSTRIGRAGTVRRQAVDV SPLRRVNQAIWLLCTGAR EAAFRNIKTIAECLADELINAAKGSSNSYAIKKKDELERVAKSNR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence 1:10-1:2000
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA.

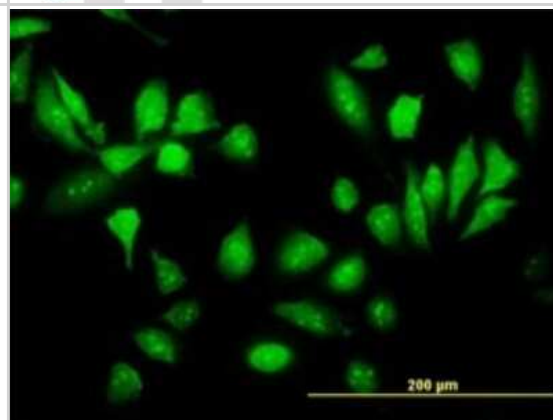


Images

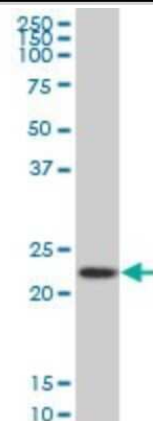
Western Blot: RPS5 Antibody (4H3) [H00006193-M02] - Analysis of RPS5 expression in transfected 293T cell line by RPS5 monoclonal antibody (M02), clone 4H3. Lane 1: RPS5 transfected lysate(22.9 KDa). Lane 2: Non-transfected lysate.



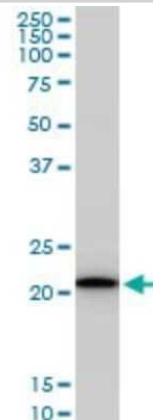
Immunocytochemistry/Immunofluorescence: RPS5 Antibody (4H3) [H00006193-M02] - Analysis of monoclonal antibody to RPS5 on HeLa cell. Antibody concentration 10 ug/ml.



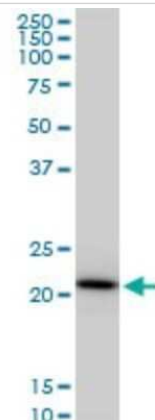
Western Blot: RPS5 Antibody (4H3) [H00006193-M02] - RPS5 monoclonal antibody (M02), clone 4H3 Analysis of RPS5 expression in HeLa.



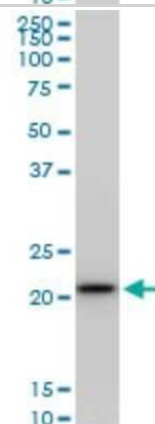
Western Blot: RPS5 Antibody (4H3) [H00006193-M02] - RPS5 monoclonal antibody (M02), clone 4H3. Analysis of RPS5 expression in PC-12.



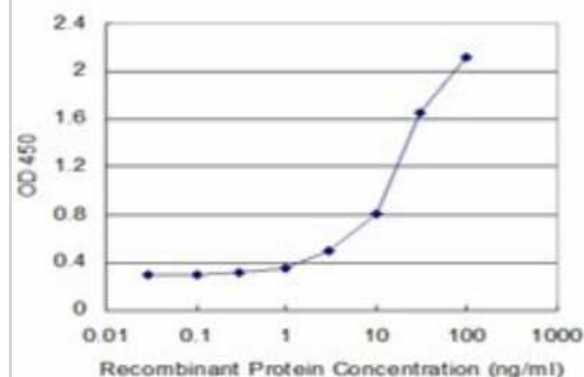
Western Blot: RPS5 Antibody (4H3) [H00006193-M02] - RPS5 monoclonal antibody (M02), clone 4H3. Analysis of RPS5 expression in Raw 264.7.



Western Blot: RPS5 Antibody (4H3) [H00006193-M02] - RPS5 monoclonal antibody (M02), clone 4H3. Analysis of RPS5 expression in NIH/3T3.



ELISA: RPS5 Antibody (4H3) [H00006193-M02] - Detection limit for recombinant GST tagged RPS5 is approximately 3ng/ml as a capture antibody.



Publications

Rink C, Ciganda M, Williams N The Nuclear Export Receptors TbMex67 and TbMtr2 Are Required for Ribosome Biogenesis in Trypanosoma brucei mSphere 2019-07-03 [PMID: 31270172] (WB)

Details:

RPS5 Antibody (4H3) was validated in TbMex67 and TbMtr2 RNAi cell lines.

Umaer K, Ciganda M, Williams N. Ribosome biogenesis in African trypanosomes requires conserved and trypanosome-specific factors. Eukaryotic Cell 2014-04-04 [PMID: 24706018] (WB, Transgenic Rabbit)

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Products Related to H00006193-M02

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)
NBP2-23437	Recombinant Human RPS5 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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