

Product Datasheet

eIF2 alpha/EIF2S1 Antibody (3H12-C11) - Azide and BSA Free H00001965-M01

Unit Size: 0.1 mg

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

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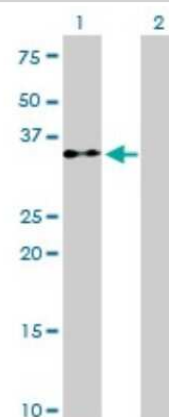
H00001965-M01

eIF2 alpha/EIF2S1 Antibody (3H12-C11) - Azide and BSA Free

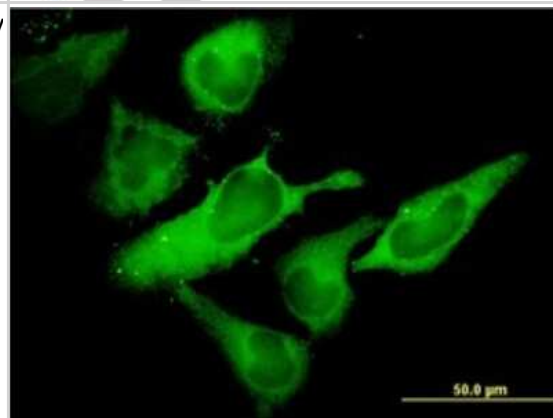
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3H12-C11
Preservative	No Preservative
Isotype	IgG1 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	1965
Gene Symbol	EIF2S1
Species	Human
Specificity/Sensitivity	EIF2S1 - eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa
Immunogen	EIF2S1 (AAH02513.1, 1 a.a. ~ 315 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MPGLSCRFYQHKFPEVEDVVMVNVRSIAEMGAYVSLLEYNNIEGMILLSELSRR RIRSINKLIRIGRNECVVIRVDKEKGYIDLSKRRVSPEEAIKCEDKFTKSKTVYSI LRHVAEVLEYTKDEQLESFLFQRTAWVFDDKYKRPYGYDAFKHAVSDPSILD SLDLNEDEREVLINNINRRLTPQAVKIRADIEVACYGYEGIDAVKEALRAGLNCS TENMPIKINLIAPPRYVMTTTLERTEGLSVLSQAMAVIKEKIEEKRGVFNQME PKVVTDDETALARQMERLERENAEVDGDDDAEEMEAKAED
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Knockdown Validated
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, RNAi Validation and ELISA.

Images

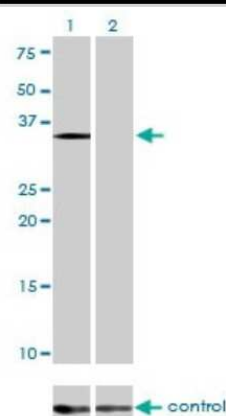
Western Blot: eIF2 alpha/EIF2S1 Antibody (3H12-C11) [H00001965-M01] - Analysis of EIF2S1 expression in transfected 293T cell line by EIF2S1 monoclonal antibody (M01), clone 3H12-C11. Lane 1: EIF2S1 transfected lysate(36.1 KDa). Lane 2: Non-transfected lysate.



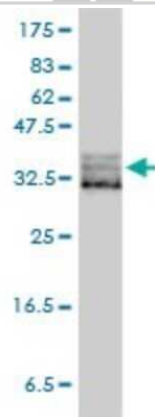
Immunocytochemistry/Immunofluorescence: eIF2 alpha/EIF2S1 Antibody (3H12-C11) [H00001965-M01] - Analysis of monoclonal antibody to EIF2S1 on HeLa cell. Antibody concentration 10 ug/ml.



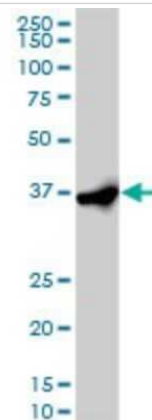
Western Blot: eIF2 alpha/EIF2S1 Antibody (3H12-C11) [H00001965-M01] - Analysis of EIF2S1 over-expressed 293 cell line, cotransfected with EIF2S1 Validated Chimera RNAi (Cat # H00001965-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with EIF2S1 monoclonal antibody (M01), clone 3H12-C11 (Cat # H00001965-M01). GAPDH (36.1 kDa) used as specificity and loading control.



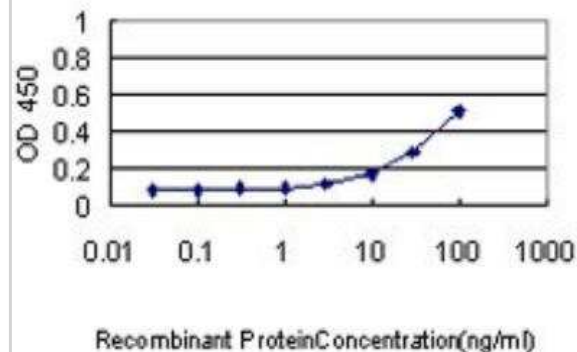
Western Blot: eIF2 alpha/EIF2S1 Antibody (3H12-C11) [H00001965-M01] - EIF2S1 monoclonal antibody (M01), clone 3H12-C11 Analysis of EIF2S1 expression in HeLa.



Western Blot: eIF2 alpha/EIF2S1 Antibody (3H12-C11) [H00001965-M01] - EIF2S1 monoclonal antibody (M01), clone 3H12-C11. Analysis of EIF2S1 expression in Hela S3 NE.



ELISA: eIF2 alpha/EIF2S1 Antibody (3H12-C11) [H00001965-M01] - Detection limit for recombinant GST tagged EIF2S1 is approximately 0.3ng/ml as a capture antibody.



Publications

Weinlich S, Huttelmaier S, Schierhorn A et al. IGF2BP1 enhances HCV IRES-mediated translation initiation via the 3'UTR. RNA;15(8):1528-42. 2009-08-01 [PMID: 19541769]



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Products Related to H00001965-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-44467	Recombinant Human eIF2 alpha/EIF2S1 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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