

Product Datasheet

EIF2 beta Antibody (2F3) - Azide and BSA Free H00008894-M09

Unit Size: 0.1 mg

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

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H00008894-M09

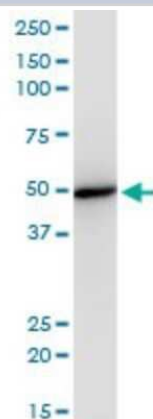
EIF2 beta Antibody (2F3) - Azide and BSA Free

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	2F3
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	8894
Gene Symbol	EIF2S2
Species	Human, Mouse, Rat
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	EIF2S2 - eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa (2F3)
Immunogen	EIF2S2 (NP_003899.2, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MSGDEMIFDPTMSKKKKKKKPFMLDEEGDTQTEETQPSETKEVEPEPTEDK DLEADEEDTRKKDASDDLDDLNFFNQKKKKKTKKIFDIDEAEEGVKD
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-Paraffin
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

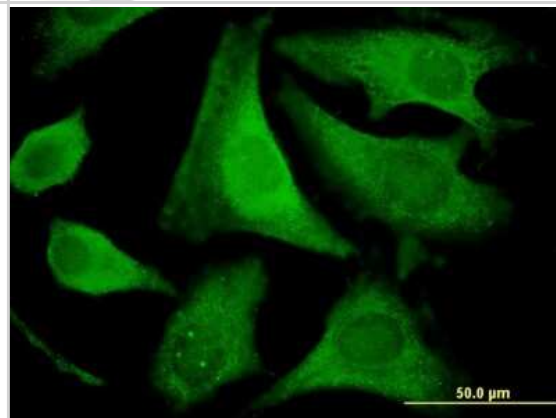


Images

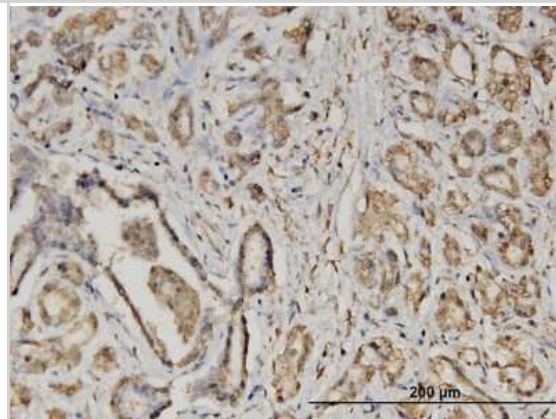
Western Blot: EIF2 beta Antibody (2F3) [H00008894-M09] - Analysis of EIF2S2 expression in NIH/3T3 (Cat # L018V1).



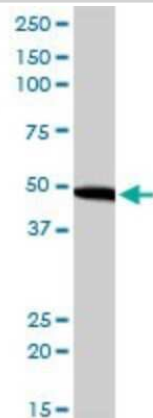
Immunocytochemistry/Immunofluorescence: EIF2 beta Antibody (2F3) [H00008894-M09] - Analysis of monoclonal antibody to EIF2S2 on HeLa cell. Antibody concentration 10 ug/ml



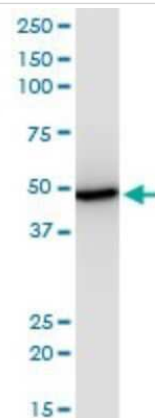
Immunohistochemistry-Paraffin: EIF2 beta Antibody (2F3) [H00008894-M09] - Analysis of monoclonal antibody to EIF2S2 on formalin-fixed paraffin-embedded human pancreatic cancer. Antibody concentration 3 ug/ml



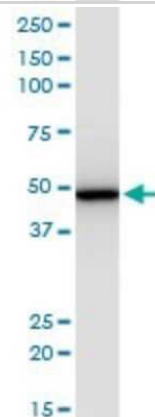
Western Blot: EIF2 beta Antibody (2F3) [H00008894-M09] - Analysis of EIF2S2 expression in HeLa (Cat # L013V1).



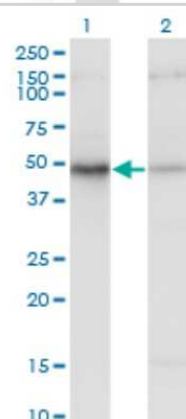
Western Blot: EIF2 beta Antibody (2F3) [H00008894-M09] - Analysis of EIF2S2 expression in PC-12 (Cat # L012V1).



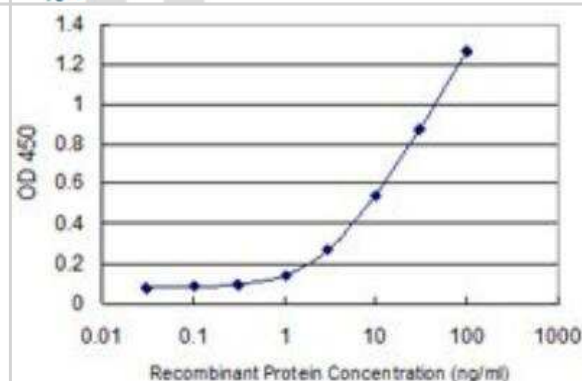
Western Blot: EIF2 beta Antibody (2F3) [H00008894-M09] - Analysis of EIF2S2 expression in Raw 264.7 (Cat # L024V1).



Western Blot: EIF2 beta Antibody (2F3) [H00008894-M09] - Analysis of EIF2S2 expression in transfected 293T cell line by EIF2S2 monoclonal antibody (M09), clone 2F3. Lane 1: EIF2S2 transfected lysate (38.4 KDa). Lane 2: Non-transfected lysate.



ELISA: EIF2 beta Antibody (2F3) [H00008894-M09] - Detection limit for recombinant GST tagged EIF2S2 is 0.3 ng/ml as a capture antibody.



Publications

Wells C, Drewry D, Pickett J et al. Development of a Potent and Selective Chemical Probe for the Pleiotropic Kinase CK2 SSRN Electronic Journal 2020-12-01 [PMID: 33484635]



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Products Related to H00008894-M09

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)
H00008894-Q01-10ug	Recombinant Human EIF2 beta GST (N-Term) 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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