

Product Datasheet

FHL1 Antibody (2A9) - Azide and BSA Free H00002273-M01

Unit Size: 0.1 mg

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

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Publications: 2

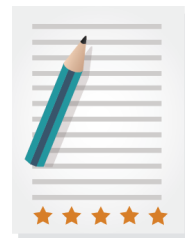
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H00002273-M01

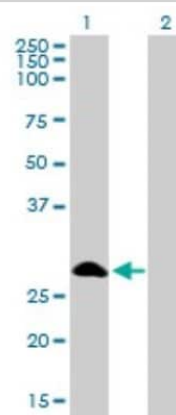
FHL1 Antibody (2A9) - Azide and BSA Free

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	2A9
Preservative	No Preservative
Isotype	IgG2a 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	2273
Gene Symbol	FHL1
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	FHL1 - four and a half LIM domains 1
Immunogen	FHL1 (NP_001440, 23 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. DGHHCCLKCFDKFCANTCVECCKPIGADSKEVHYKNRFWHDTCFRCAKCLHP LANETFVAKDNKILCNKCTTREDSPKCKGCFKAIVAGDQNVEYKGT
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Sandwich ELISA
Application Notes	Antibody reactivity against cell lysate, transfected lysate and recombinant protein for WB. It has been used for ELISA.

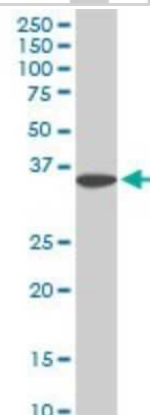


Images

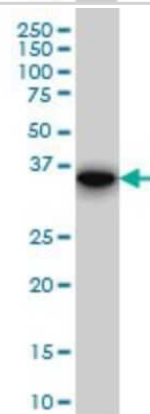
Western Blot: FHL1 Antibody (2A9) [H00002273-M01] - Analysis of FHL1 expression in transfected 293T cell line by FHL1 monoclonal antibody (M01), clone 2A9. Lane 1: FHL1 transfected lysate(31.9 KDa).Lane 2: Non-transfected lysate.



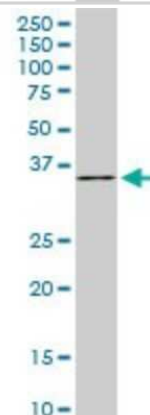
Western Blot: FHL1 Antibody (2A9) [H00002273-M01] - FHL1 monoclonal antibody (M01), clone 2A9. Analysis of FHL1 expression in PC-12.



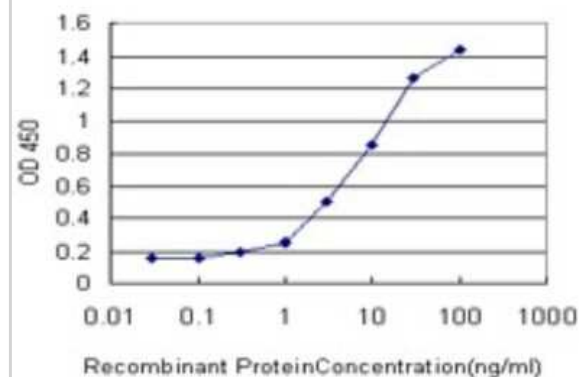
Western Blot: FHL1 Antibody (2A9) [H00002273-M01] - FHL1 monoclonal antibody (M01), clone 2A9. Analysis of FHL1 expression in Raw 264.7.



Western Blot: FHL1 Antibody (2A9) [H00002273-M01] - FHL1 monoclonal antibody (M01), clone 2A9. Analysis of FHL1 expression in NIH/3T3.



Sandwich ELISA: FHL1 Antibody (2A9) [H00002273-M01] - Detection limit for recombinant GST tagged FHL1 is approximately 0.3ng/ml as a capture antibody.



Publications

Chen CN, Ferrington DA, Thompson LV. Carbonic Anhydrase III Four-and-a-Half LIM Protein 1 are preferentially oxidized with muscle unloading. *J Appl Physiol*;105(5):1554-61. 2008-11-01 [PMID: 18756007]

Hubbi ME, Gilkes DM, Baek JH, Semenza GL. Four-and-a-Half LIM Domain Proteins Inhibit Transactivation by Hypoxia-Inducible Factor 1. *The Journal of Biological Chemistry*. 2012-01-04 [PMID: 22219185]

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Products Related to H00002273-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00002273-P01-10ug	Recombinant Human FHL1 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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