

Product Datasheet

HMGCs2 Antibody (1E9) - Azide and BSA Free H00003158-M06

Unit Size: 0.1 mg

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

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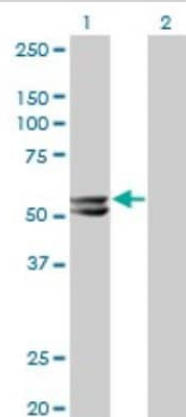
H00003158-M06

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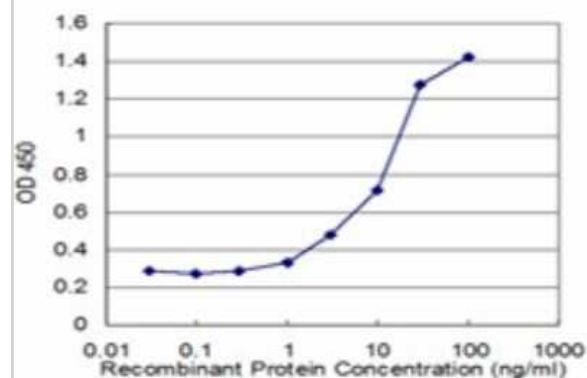
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1E9
Preservative	No Preservative
Isotype	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	3158
Gene Symbol	HMGCS2
Species	Human
Specificity/Sensitivity	HMGCS2 - 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2 (mitochondrial) (1E9)
Immunogen	HMGCS2 (NP_005509.1, 424 a.a. ~ 508 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. RVSQDAAPGSPDKLVSTSDLPKRLASRKCVSPEEFTEIMNQREQFYHKVNF SPPGDTNSLFPGTWYLERVDEQHRRKYARRPV
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 recombinant protein for WB. It has been used for ELISA.

Images

Western Blot: HMGCS2 Antibody (1E9) [H00003158-M06] - Analysis of HMGCS2 expression in transfected 293T cell line by HMGCS2 monoclonal antibody (M06), clone 1E9. Lane 1: HMGCS2 transfected lysate (56.6 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: HMGCS2 Antibody (1E9) [H00003158-M06] - Detection limit for recombinant GST tagged HMGCS2 is approximately 1ng/ml as a capture antibody.



Publications

isac B, Marcos-Alcalde I, Hernandez-Marcos M et al. Human Mitochondrial HMG-CoA Synthase Deficiency: Role of Enzyme Dimerization Surface and Characterization of Three New Patients. Int J Mol Sci 2018-03-28 [PMID: 29597274]



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Products Related to H00003158-M06

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)
NBP2-33907PEP	HMGCS2 Recombinant Protein Antigen

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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