

Product Datasheet

MYL5 Antibody (1C5) - Azide and BSA Free H00004636-M01

Unit Size: 0.1 mg

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

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H00004636-M01

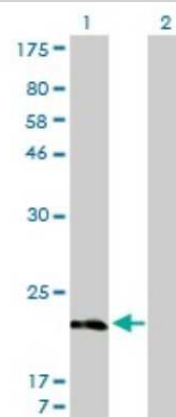
MYL5 Antibody (1C5) - Azide and BSA Free

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	1C5
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	4636
Gene Symbol	MYL5
Species	Human
Specificity/Sensitivity	MYL5 - myosin, light polypeptide 5, regulatory
Immunogen	MYL5 (AAH40050.1, 1 a.a. ~ 132 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MDQNRDGFIDKEDLKDTYASLGKTNVKDDDELDAAMLKEASGPINFTMFLNLFGE KLSGTDAAEETILNAFKMLDPDGKGKINKEYIKRLLMSQADKMTAAEEVDQMFQFA SIDVAGNLDYKALSYVITHGEEKEE
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 with GST tag on ELISA and WB. GST tag alone is used as a negative control.

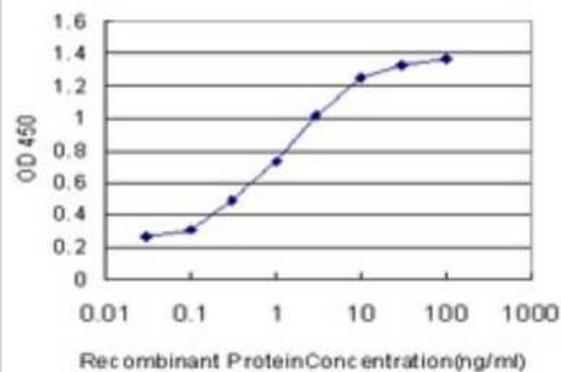


Images

Western Blot: MYL5 Antibody (1C5) [H00004636-M01] - Analysis of MYL5 expression in transfected 293T cell line by MYL5 monoclonal antibody (M01), clone 1C5. Lane 1: MYL5 transfected lysate(19.5 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: MYL5 Antibody (1C5) [H00004636-M01] - Detection limit for recombinant GST tagged MYL5 is approximately 0.03ng/ml as a capture antibody.



Publications

Santos M, Moura RS, Gonzaga S et al. Embryonic Essential Myosin Light Chain Regulates Fetal Lung Development in Rats. *Am J Respir Cell Mol Biol*. 2007-05-31 [PMID: 17541012]



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Products Related to H00004636-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)
NBP1-72432-100ug	Recombinant Human MYL5 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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