Product Datasheet

MYL4 Antibody (1A11-C8) - Azide and BSA Free H00004635-M01

Unit Size: 0.1 mg

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

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Publications: 3

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Updated 2/21/2025 v.20.1

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H00004635-M01

MYL4 Antibody (1A11-C8) - Azide and BSA Free

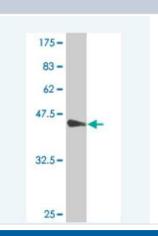
0.1 mg
Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Monoclonal
1A11-C8
No Preservative
IgG1 Kappa
IgG purified
In 1x PBS, pH 7.4

Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	4635
Gene Symbol	MYL4
Species	Human, Rat
Specificity/Sensitivity	MYL4 - myosin, light polypeptide 4, alkali; atrial, embryonic
Immunogen	MYL4 (AAH30228, 1 a.a. ~ 197 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MAPKKPEPKKEAAKPAPAPAPAPAPAPAPAPAPEAPKEPAFDPKSVKIDFTADQIE EFKEAFSLFDRTPTGEMKITYGQCGDVLRALGQNPTNAEVLRVLGKPKPEEMN VKMLDFETFLPILQHISRNKEQGTYEDFVEGLRVFDKESNGTVMGAELRHVLAT LGEKMTEAEVEQLLAGQEDANGCINYEAFVKHIMSG
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, 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: MYL4 Antibody (1A11-C8) [H00004635-M01] - Detection against Immunogen (47.41 KDa).





Publications

Yuan Z, Kai T, Stanley N et al. Myosin light-chain 4 gene-transfer attenuates atrial fibrosis while correcting autophagic flux dysregulation. Redox Biol. 2023-01-11 [PMID: 36645977]

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]

Cottrell TR, Hall JC, Rosen A, Casciola-Rosen L. Identification of novel autoantigens by a triangulation approach J Immunol Methods 2012-08-11 [PMID: 22910000] (WB, Human)





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Products Related to H00004635-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)

NBP1-72550-100ug Recombinant Human MYL4 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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