Product Datasheet

MYL2 Antibody (Center) (orb1925447)

Description	Purified Rabbit Polyclonal Antibody (Pab)
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	FC, IHC-P, WB
Target	This MYL2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 42-75 amino acids from the Central region of human MYL2.
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
Isotype	Rabbit IgG
Clonality	Polyclonal
Clone Number	RB56979
Antibody Type	Primary Antibody
MW	18789 Da
Uniprot ID	**P10916**
Dilution Range	WB: 1:2000, IHC-P-Leica: 1:1000, IHC-P-Leica: 1:1000, IHC: 1:250, FC: 1:25

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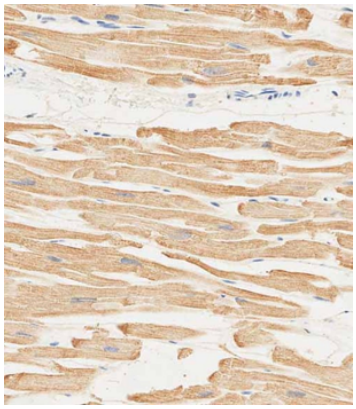
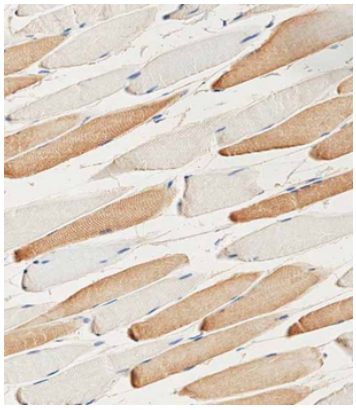
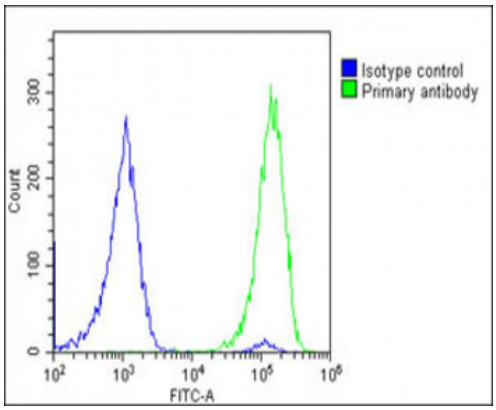
Expiration Date 12 months from date of receipt.



Immunohistochemical analysis of paraffin-embedded human heart tissue was performed on the Leica BOND RXm. Tissue was fixed with formaldehyde at room temperature; antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (1:1000) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue was performed on the Leica BOND RXm. Tissue was fixed with formaldehyde at room temperature; antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (1:1000) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Overlay histogram showing U-2 OS cells stained (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10^6 cells) used under the same conditions. Acquisition of > 10000 events was performed.

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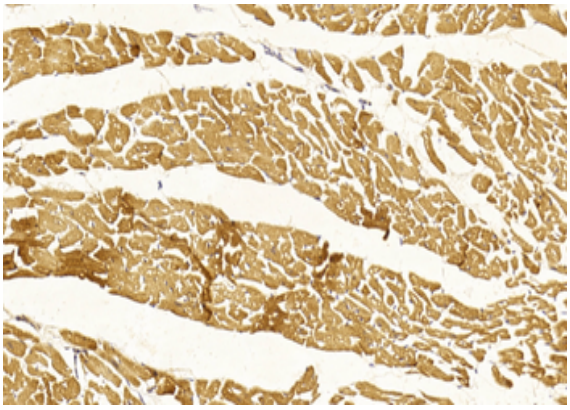
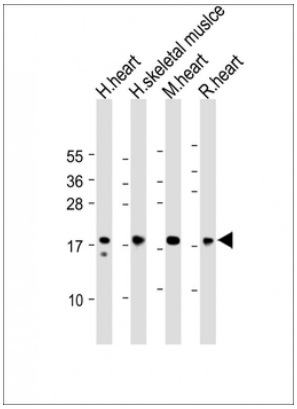


Immunohistochemical analysis of paraffin-embedded Human Myocardium section using Pink1. Diluted at 1: 250 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



All lanes: Anti-MYL2 Antibody (Center) at 1:2000 dilution. Lane 1: Human heart lysate. Lane 2: Human skeletal muslce lysate. Lane 3: Mouse heart lysate. Lane 4: Rat heart lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 19 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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