

Anti-MYL2 antibody (1-166) (STJ116121)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Mouse/Rat

PRODUCT PROPERTIES

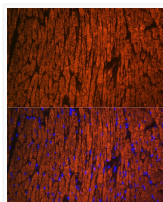
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 19kDa Observed Mw: 19kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

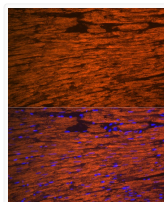
Gene ID	4633
Gene Symbol	MYL2
UniProt ID	MLRV_HUMAN
Immunogen Region	1-166
Immunogen Sequence	MAPKKAKKRAGGANSNVFSM FEQTQIQEFKEAFTIMDQNR DGFIDKNDLRDTFAALGRVN VKNEEIDEMIKEAPGPINFT VFLTMFGEKLGADPEETIL NAFKVFDPEGKGVLKADYVR EMLTTQAERFSKEEVDQMFA AFPPDVTGNLDYKNLVHIIT HGEEKD
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-166 of human MYL2 (NP_000423.2).

ADDITIONAL INFORMATION

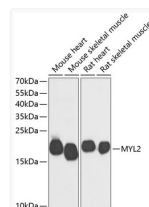
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of mouse heart using MYL2 Rabbit polyclonal antibody (STJ116121) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat heart using MYL2 Rabbit polyclonal antibody (STJ116121) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using MYL2 antibody (STJ116121) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.