

## MYL3 antibody

### Product Information

Catalog No.:	FNab09860
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

MYL3 encodes myosin light chain 3, an alkali light chain also referred to in the literature as both the ventricular isoform and the slow skeletal muscle isoform. Mutations in MYL3 have been identified as a cause of mid-left ventricular chamber type hypertrophic cardiomyopathy.

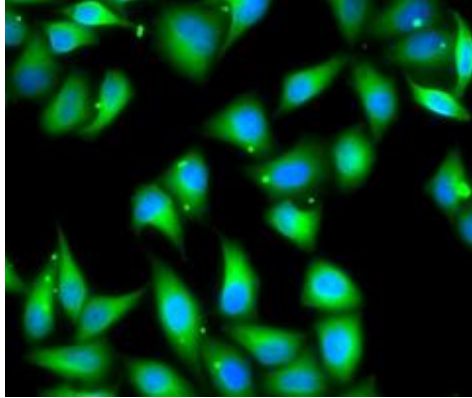
### Immunogen information

Immunogen:	MYL3
Synonyms:	Myosin light chain 3 Cardiac myosin light chain 1 (CMLC1) Myosin light chain 1, slow-twitch muscle B/ventricular isoform (MLC1SB) Ventricular myosin alkali light chain Ventricular myosin light chain 1 (VLC1) Ventricular/slow twitch myosin alkali light chain (MLC-IV/sb) MYL3
Observed MW:	23 kDa
Uniprot ID :	P08590

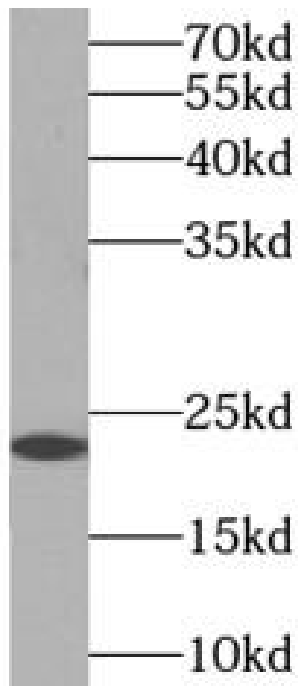
### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IF
Recommended dilution:	WB: 1:500 - 1:2000; IF: 1:50 - 1:200

Image:



Immunofluorescence analysis of U2OS cells using FNab09860(MYL3 antibody). Blue: DAPI for nuclear staining.



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab09860(MYL3 antibody) at dilution of 1:1000