

cTnI antibody

Product Information

Catalog No.:	FNab09781
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	3A12
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

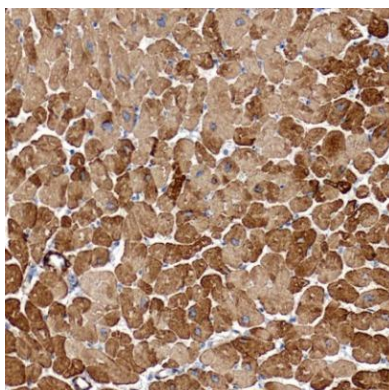
Troponin I(TnI) is the inhibitory subunit of troponin, the structural protein involved in the regulation of striated muscle contraction. Cardiac Troponin I(cTnI) is produced by cardiac muscle. cTnI has been considered as one of the most specific and sensitive markers of myocardial damage like acute myocardial infarction(AMI) for decades. Detection of cTnI in serum is widely accepted as a diagnostic tool in acute coronary syndromes.

Immunogen information

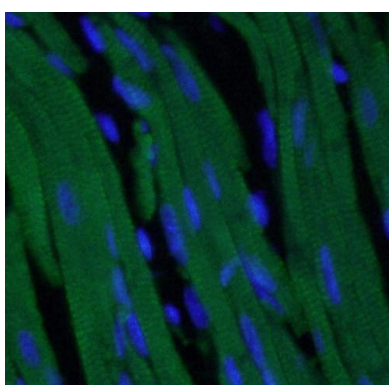
Immunogen:	troponin I type 3(cardiac)
Synonyms:	Troponin I, cardiac muscle Cardiac troponin I TNNI3 TNNC1
Observed MW:	24-26 kDa
Uniprot ID :	P19429

Application

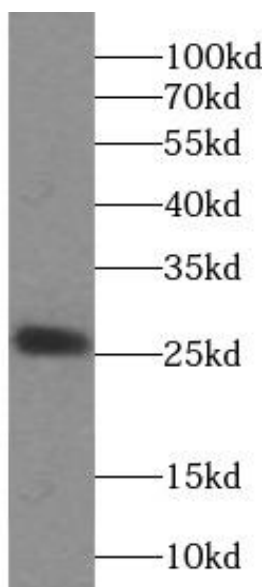
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:5000-1:50000; IHC: 1:50-1:500; IF: 1:50-1:500
Image:	



Immunohistochemistry of paraffin-embedded human heart tissue slide using FNab09781 (Cardiac Troponin I Antibody) at dilution of 1:600



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using FNab09781 (TNNT3 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)



Rat heart tissue were subjected to SDS PAGE followed by western blot with FNab09781 (Cardiac Troponin I antibody) at dilution of 1:10000