

## anti- Alpha cardiac actin-specific antibody

### Product Information

Catalog No.:	FNab00326
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	1A1
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

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells. The ACTC1 gene encodes cardiac muscle alpha-actin, the predominant actin isoform in adult heart, which interacts with a variety of proteins to produce the force for muscle contraction. This antibody is specific to the ACTC1. It does not cross-react with other actin isoforms.

### Immunogen information

Immunogen:	actin, alpha, cardiac muscle 1
Synonyms:	ACTC, ACTC1, ACTC1 cardiac muscle 1, ACTC1 specific, Actin cardiac muscle specific, Actin, alpha cardiac muscle 1, actin, alpha, cardiac muscle 1, Alpha cardiac actin, CMD1R, CMH11
Observed MW:	42 kDa
Uniprot ID :	P68032

### Application

Reactivity:	Human, Mouse, Rat
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### Wuhan Fine Biotech Co., Ltd.

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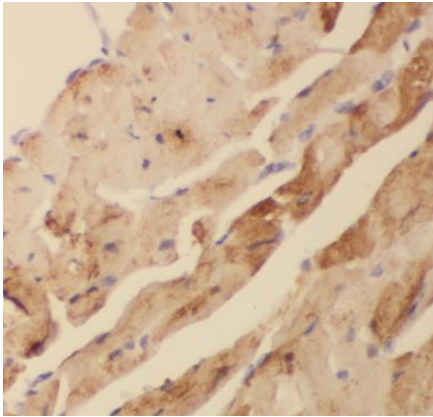
Fax: (0086)027-87800889

[www.fn-test.com](http://www.fn-test.com)

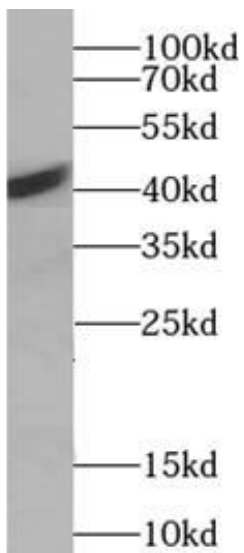
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:2000-1:10000; IHC: 1:100-1:400; IF: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human heart using FNab00326(Actin cardiac actin-Specific antibody) at dilution of 1:100



human heart tissue were subjected to SDS PAGE followed by western blot with FNab00326(Actin cardiac actin-Specific antibody) at dilution of 1:5000

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