

## sarcomeric alpha Actinin antibody [EA-53]

Cat. No. GTX29465

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	ICC/IF, IHC-P, IHC-Fr, IHC-Wm
Reactivity	Human, Mouse, Zebrafish

References ( 10 )

★★★★★ Review ( 1 )

Package

500 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
ICC/IF	Assay dependent
IHC-P	1:20-1:30
IHC-Fr	Assay dependent
IHC-Wm	Assay dependent

## Note : Recommendations for antigen retrieval : EDTA buffer pH 8.0

Not tested in other applications.

## Product Note

This antibody is specific for  $\alpha$ -skeletal muscle actinin and  $\alpha$ -cardiac actinin. It stains Z lines and dots in stress fibers of myotubes in skeletal and cardiac muscle but not in non-sarcomeric muscle elements.

## Properties

Form	Liquid
Buffer	Ascites
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Immunogen	Purified rabbit skeletal $\alpha$ -actinin.
Purification	Unpurified
Conjugation	Unconjugated

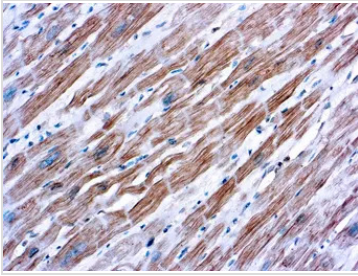
## Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

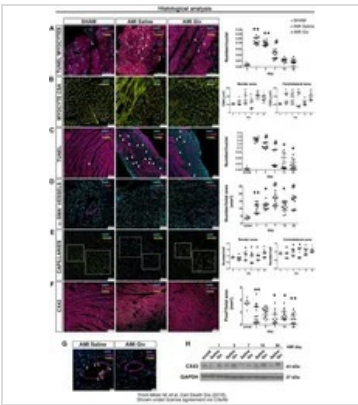
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**DATA IMAGES**

**GTX29465 IHC-P Image**

IHC-P analysis of human skeletal muscle tissue using GTX29465 sarcomeric alpha Actinin antibody [EA-53].


**GTX29465 IHC-P Image**

The data was published in the journal Cell Death Dis in 2018. [PMID: 29371598](https://pubmed.ncbi.nlm.nih.gov/29371598/)



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