

# Product Datasheet

## alpha-Actinin 1 Antibody (EA-53) NB600-581

Unit Size: 0.5 ml

Store at 4C. Do not freeze.

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Updated 3/30/2022 v.20.1

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**NB600-581**

alpha-Actinin 1 Antibody (EA-53)

<b>Product Information</b>	
<b>Unit Size</b>	0.5 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	EA-53
<b>Preservative</b>	Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Unpurified
<b>Buffer</b>	Ascites
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	87
<b>Gene Symbol</b>	ACTN1
<b>Species</b>	Mouse, Rat, Porcine, Bovine, Canine, Chicken, Feline, Fish, Goat, Rabbit, Sheep, Xenopus
<b>Reactivity Notes</b>	Cross-reacts with Cow, Cat, Chicken, Dog, Fish, Goat, Lizard, Mouse, Pig, Rabbit, Rat, Sheep, Snake and Xenopus laevis. Not yet tested in other species.
<b>Marker</b>	Z-disk Marker
<b>Specificity/Sensitivity</b>	This 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.
<b>Immunogen</b>	Purified rabbit skeletal alpha-actinin.
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:25-1:50, Immunohistochemistry-Paraffin 1:25-1:50
<b>Application Notes</b>	This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. Suggested incubation period is 60 minutes at room temperature. Depending upon the fixation conditions and the staining system employed, optimal incubation and dilutions should be determined by the user.



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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