

Product datasheet for **DM227**

ACTN2 Mouse Monoclonal Antibody [Clone ID: EA-53]

Product data:

Product Type:	Primary Antibodies
Clone Name:	EA-53
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on formalin-fixed paraffin embedded tissues: diluted of 1:25-1:50 in an ABC method (30 minutes at room temperature) Recommended Positive Control: Skeletal muscle
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified rabbit skeletal alpha-actinin.
Specificity:	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. This antibody shows a wide range of cross reactivity with various mammalian species.
Formulation:	State: Supernatant State: Diluted Ascites containing sodium azide as preservative
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	actinin alpha 2
Database Link:	Entrez Gene 88 Human P35609
Background:	It stains Z lines and dots in stress fibers of myotubes in skeletal and cardiac muscle but not in non-sarcomeric muscle elements. This antibody shows wide range of cross reactivity with various mammalian species.
Synonyms:	Alpha actinin skeletal muscle isoform 2



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