

Anti-ACTN1 monoclonal antibody, clone CN 86.3 (DCABH-248)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to alpha Actinin
Antigen Description	F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein.
Specificity	Monoclonal anti-alpha Actinin specifically stains alpha actinin in cell cultures using indirect immunofluorescent labeling.
Immunogen	Cytoskeletal fraction of bovine mammary gland epithelium (BMGE) cultured cells.
Isotype	IgM
Source/Host	Mouse
Species Reactivity	Bovine
Clone	CN 86.3
Purity	Ascites
Conjugate	Unconjugated
Applications	Double Immunodiffusion, WB, ICC/IF
Positive Control	chicken fibroblasts
Format	Liquid
Size	100 µl
Buffer	Preservative: 15mM Sodium Azide; Constituents: Raw Ascites

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Preservative	15mM Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ACTN1 actinin, alpha 1 [Bos taurus]
Official Symbol	ACTN1
Synonyms	ACTN1; actinin, alpha 1; alpha-actinin-1; alpha-actinin 1; non-muscle alpha-actinin-1; F-actin cross-linking protein; alpha-actinin cytoskeletal isoform; MGC128689;
Entrez Gene ID	524770
Protein Refseq	NP_001030428
UniProt ID	Q3B7N2
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Cell junction organization, organism-specific biosystem;
Function	actin filament binding; calcium ion binding; protein anchor; tropomyosin binding;

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