

Recombinant

DGRmAb®

Sarcomeric Alpha Actinin (DGR20423) Rabbit mAb (PBS Only)

db14287-PBS

Package : 100µg

Product Name : Sarcomeric Alpha Actinin (DGR20423) Rabbit mAb (PBS Only)**Cat.No.:** db14287-PBS**Synonyms** : CMH23; CMD1AA**Application** : WB, IHC-P**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

Alpha actinins belong to the spectrin gene superfamily which represents a diverse group of cytoskeletal proteins, including the alpha and beta spectrins and dystrophins. Alpha actinin is an actin-binding protein with multiple roles in different cell types. In nonmuscle cells, the cytoskeletal isoform is found along microfilament bundles and adherens-type junctions, where it is involved in binding actin to the membrane. In contrast, skeletal, cardiac, and smooth muscle isoforms are localized to the Z-disc and analogous dense bodies, where they help anchor the myofibrillar actin filaments. This gene encodes a muscle-specific, alpha actinin isoform that is expressed in both skeletal and cardiac muscles. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2013]

Immunogen

A synthetic peptide of human Sarcomeric Alpha Actinin

Gene ID

88

Swiss Prot

P35609

Synonyms

CMH23; CMD1AA

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P

Recommended dilution

WB: 1:2000-1:20000

IHC-P: 1:100-1:200

Calculated MW

104 kDa

Observed MW

104 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR20423

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.

