

Recombinant

DGRmAb®

Phospho-Caldesmon (Thr753) (DGR12908) Rabbit mAb (PBS Only)

db14052-PBS

Package : 10µg 100µg

Product Name : Phospho-Caldesmon (Thr753) (DGR12908) Rabbit mAb (PBS Only)**Cat.No.:** db14052-PBS**Synonyms** : CDM; HCAD; LCAD; H-CAD; L-CAD; NAG22**Application** : WB, ICC/IF**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes a calmodulin- and actin-binding protein that plays an essential role in the regulation of smooth muscle and nonmuscle contraction. The conserved domain of this protein possesses the binding activities to Ca(2+)-calmodulin, actin, tropomyosin, myosin, and phospholipids. This protein is a potent inhibitor of the actin-tropomyosin activated myosin MgATPase, and serves as a mediating factor for Ca(2+)-dependent inhibition of smooth muscle contraction. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Thr753 of human Caldesmon

Gene ID

800

Swiss Prot

Q05682

Synonyms

CDM; HCAD; LCAD; H-CAD; L-CAD; NAG22

Reactivity

Human

Application

WB, ICC/IF

Calculated MW

93 kDa

Observed MW

80 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR12908

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.