

Recombinant

DGRmAb®

Phospho-Caldesmon (Thr753) (DGR12908) Rabbit mAb

db14052

Package : 10µL 20µL 50µL 100µL

Product Name : Phospho-Caldesmon (Thr753) (DGR12908) Rabbit mAb**Cat.No.:** db14052**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

Recommended dilution

WB: 1:1000-1:5000

ICC/IF: 1:50-1:100

Calculated MW

93 kDa

Observed MW

80 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR12908

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.