Recombinant Anti-Caldesmon Rabbit mAb Product Manual

Cat No: GMA1051

Source: Rabbit

Reactivity: H

Applications: WB, IH

*Application Key:

H - Human, M - Mouse, R - Rat, B - Bovine, C - Chicken, D - Dog, G - Goat, Mk - Monkey, P - Pig, Rb - Rabbit, S - Sheep, Z - Zebrafish

*Species Reactivity Key:

E- ELISA, WB - Western blot, IH - Immunohistochemistry, IF - Immunofluorescence, FC - Flow cytometry, IC - Immunocytochemistry, IP - Immunoprecipitation, ChIP - Chromatin Immunoprecipitation, EMSA - Electrophoretic Mobility Shift Assay, BL - Blocking, SE - Sandwich ELISA, CBE - Cell-based ELISA, RNAi - RNA interference

Datasheet

Description：Recombinant rabbit monoclonal antibody to Caldesmon

Immunogen：Recombinant fusion protein of human Caldesmon. The exact sequence is proprietary.

Purification：The antibody was purified by immunogen affinity chromatography.

Clonality：Monoclonal

Form：Liquid in PBS, pH 7.3, 50% glycerol, and 0.05% Proclin300.

Dilution：WB (1/500 - 1/1000), IH (1/100 - 1/500)

Gene Symbol：CALD1

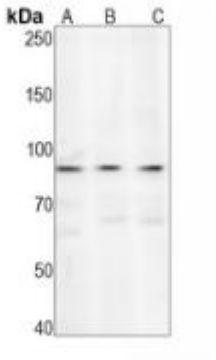
Alternative Names：CAD; CDM; Caldesmon; CDM

Entrez Gene (Human)： 800;

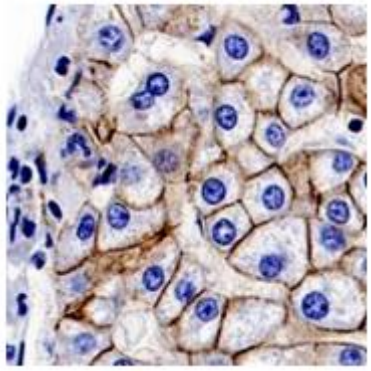
SwissProt (Human)： Q05682;

Storage/Stability：Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Validation



Western blot analysis of Caldesmon expression in HEK293T (A), A549 (B), Hela (C) whole cell lysates. (Predicted band size: 93 kD; Observed band size: 93 kD)



Immunohistochemical analysis of Caldesmon staining in human liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.