

Catalog #: 62280

Aliases

MAP Kinase Activating Death Domain; DENN; Differentially Expressed In Normal And Neoplastic Cells; KIAA0358; RAB3GEP; IG20; MAP Kinase-Activating Death Domain Protein; Insuloma-Glucagonoma Protein 20; Insulinoma Glucagonoma Clone 20; Rab3 GDP/GTP Exchange Protein; Rab3 GDP/GTP Exchange Factor; RabGEF; MAP-Kinase Activating Death Domain; NEDDISH; Rab3GEP; DEEAH

Background

Gene Name: MADD NCBI Gene Entry: 8567 UniProt Entry: Q8WXG6

Application Information

Molecular Weight: Predicted, 183 kDa, observed, 230 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB110

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human DENN

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

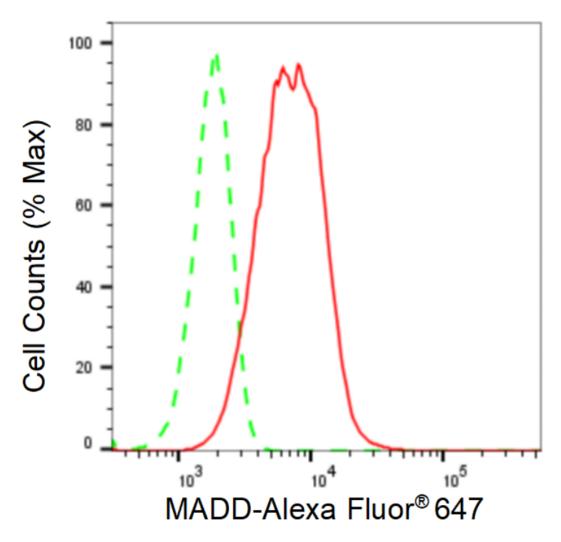
Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

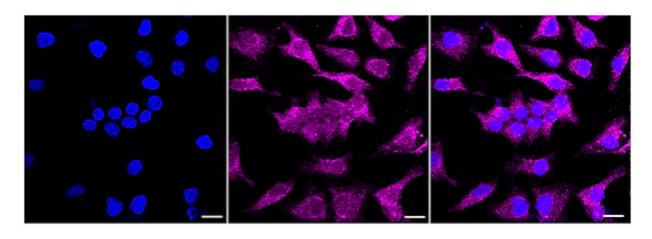
Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

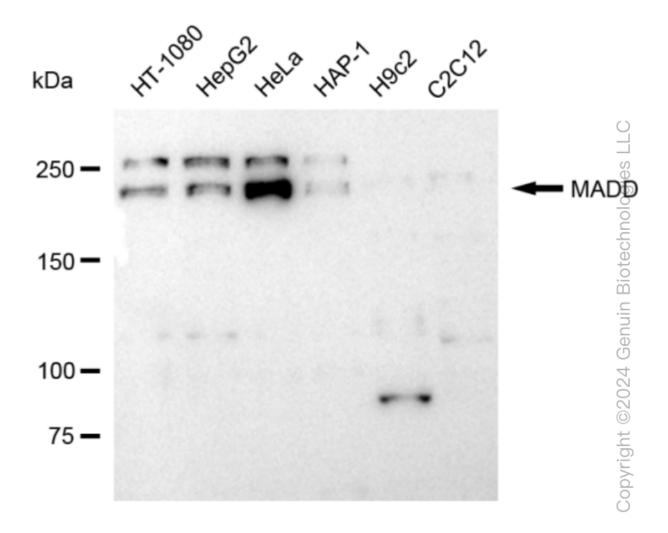
Validation Data



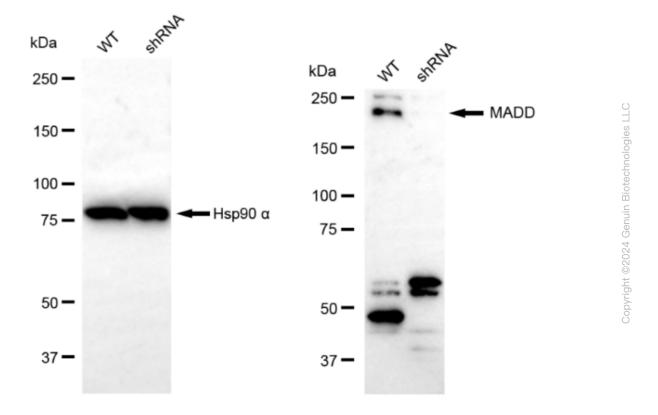
Flow cytometric analysis of MADD expression in HeLa cells using MADD antibody (Cat#Cat#62280, 1:2,000). Green, isotype control; red, MADD.



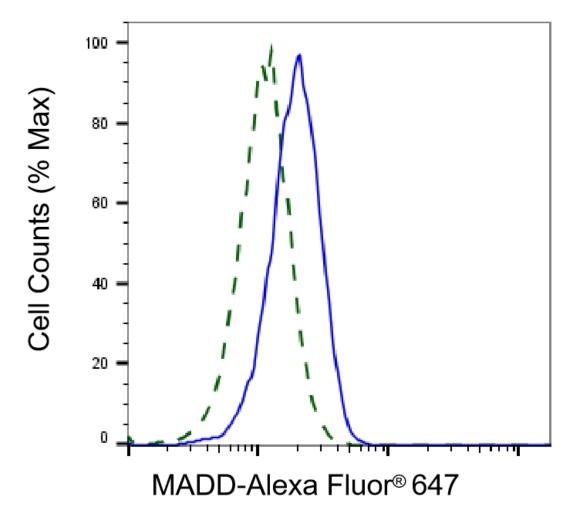
Immunocytochemical staining of HeLa cells with anti-MADD antibody (Cat#62280, 1:1,000). Nuclei were stained blue with DAPI; MADD was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: $20~\mu m$.



Western blotting analysis using anti-MADD antibody (Cat#62280). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MADD antibody (Cat#62280, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQTM ECL Substrate Kit (Cat#226).



Western blotting analysis using anti-MADD antibody (Cat#62280). MADD expression in wild type (WT) and MADD shRNA knockdown (KD) HeLa cells with 20 μg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-MADD antibody (Cat#62280, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQTM ECL Substrate Kit (Cat#716).



Validation of MADD knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with anti-MADD antibody (Cat#62280, 1:2,000) and analyzed using BD flow cytometer.