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Produktinformation

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-DENND4C Antibody [3E8]

Mouse Anti-Human DENND4C Monoclonal IgG1
Catalog No. SMC-610

StressMarq Biosciences INC.

Discovery through partnership | Excellence through quality

Product Name

DENND4C Antibody

Description

Mouse Anti-Human DENND4C Monoclonal IgG1

Species Reactivity

Human, Mouse, Rat

Applications

WB, ICC, IP

Antibody Dilution

WB (1:1000); optimal dilutions for assays should be determined by the user.

Host Species

Mouse

Immunogen Species

Human

Immunogen

Full Length Human Recombinant Dennd4c protein

Concentration

1mg/mL

Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, Dylight 350, Dylight 405, Dylight 594, Dylight 633, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

Field Of Use

Not for use in humans. Not for use in diagnostics or therapeutics. For in vitro research use only.

Properties

Storage Buffer

PBS pH 7.4, 50% glycerol, 0.09% Sodium Azide

Storage Temperature

-20ºC

Shipping Temperature

Blue Ice or 4ºC

Purification

Protein G Purified

Clonality

Monoclonal

Clone Number

3E8

Isotype

IgG1

Specificity

Detects ~213 kDa.

Cite This Product

Mouse Anti-Human DENND4C Monoclonal (StressMarq Biosciences, Victoria BC, Cat# SMC-610)

Biological Description

Alternative Names

DENN domain-containing protein 4C antibody

Research Areas

Alzheimer's Disease, Cell Signaling, Golgi Proteins, Growth Factors, Membrane Trafficking Proteins, Neurodegeneration, Neuroscience, Parkinson's Disease, Protein Trafficking

Cellular Localization

Cell membrane, Cytoplasm, Cytoplasmic Vesicle, Membrane

Accession Number

NM_017925

Gene ID

55667

Swiss Prot

Q5VZ89

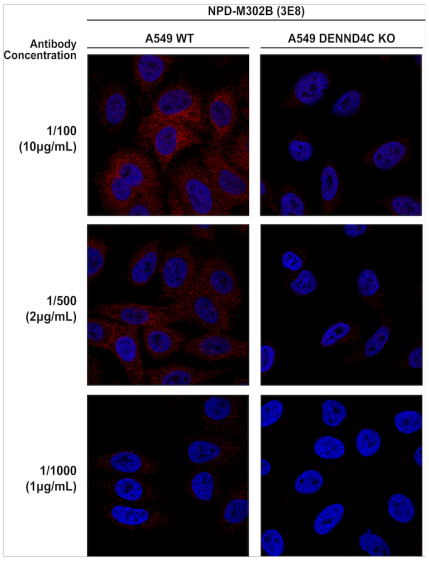
Scientific Background

Dennd4c is a guanine nucleotide exchange factor (GEF) for Rab10, and required for GLUT4 translocation (1). It is associated with Alkuraya-Kucinskas Syndrome and Koolen-De Vries Syndrome (2) and interacts with the retromer (3).

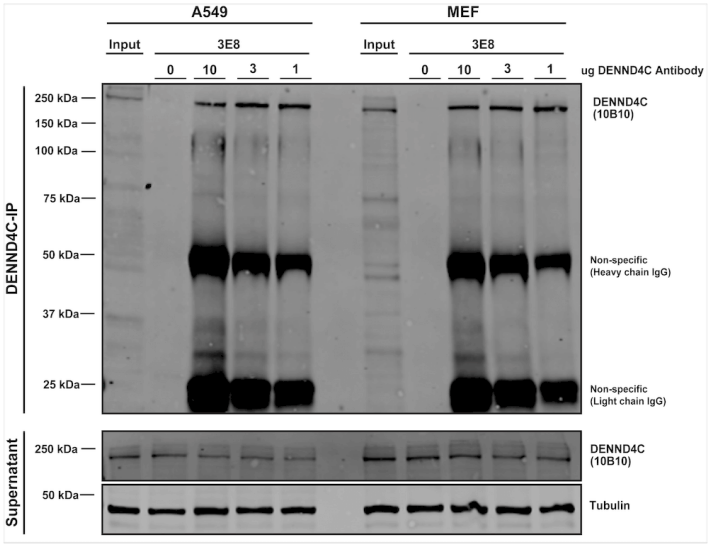
References

1. Sano, H. et al. (2011). J Biol Chem. 286(19):16541-5.
2. https://www.genecards.org/cgi-bin/carddisp.pl?gene=DENND4C
3. McMillan, K. et al. (2016). J Cell Biol. 214(4):4389–399

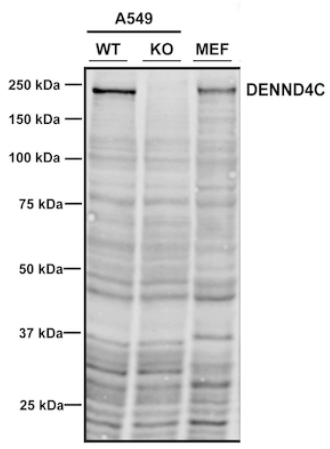
Product Images



Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-DENND4C Monoclonal Antibody, Clone 3E8 (SMC-610). Tissue: A549 cells. Species: Human. Primary Antibody: Mouse Anti-DENND4C Monoclonal Antibody (SMC-610) at 1:100, 1:500, 1:1000 for 1 hour at RT. Secondary Antibody: Donkey anti-mouse: Alexa Fluor 594 at 1:1000 for 1 hour at RT. Counterstain: DAPI. Courtesy of: Dario Alessi Lab, University of Dundee.



Immunoprecipitation analysis using Mouse Anti-DENND4C Monoclonal Antibody, Clone 3E8 (SMC-610). Tissue: A549, MEF cells. Species: Human, Mouse. Primary Antibody: Mouse Anti-DENND4C Monoclonal Antibody (SMC-610). Three amounts of SMC-610 (10, 3, and 1 ug) were non-covalently coupled to 10uL of A/G sepharose beads for 1 hour at 4°C and next incubated with 250ug of A549 or MEF lysate for 2 hours at 4°C. Courtesy of: Dario Alessi Lab, University of Dundee.



Western Blot analysis of A549, MEF cells showing detection of DENND4C protein using Mouse Anti-DENND4C Monoclonal Antibody, Clone 3E8 (SMC-610). Lane 1: MW ladder. Lane 2: A549 WT. Lane 3: A549 DENND4C KO. Lane 4: MEF. Load: 30 ug. Primary Antibody: Mouse Anti-DENND4C Monoclonal Antibody (SMC-610) at 1:1000. Courtesy of: Dario Alessi Lab, University of Dundee.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.