

Datasheet for ABIN6939838

anti-JUP antibody

4 Images

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Overview

| | |
|--------------|---|
| Quantity: | 100 µg |
| Target: | JUP |
| Reactivity: | Human, Mouse |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This JUP antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS) |

Product Details

| | |
|--------------|--|
| Immunogen: | Recombinant full length human plakoglobin, fused to maltose binding protein |
| Clone: | 1-10E05 |
| Isotype: | IgG1 kappa |
| Specificity: | <p>It recognizes a protein of 80-87 kDa, identified as gamma-catenin. The catenins (, , and) are ubiquitously expressed, cytoplasmic proteins that associate with E-cadherin at cellular junctions. Catenin/cadherin complexes play an important role in mediating cellular adhesion. T-catenin, also referred to as VR22, is a 895-amino acid protein that is most abundantly expressed in cardio-myocytes and in the peritubular myoid cells of the testis. T-catenin binds to E-catenin as well as to -catenin, and it functions to inhibit Wnt signaling. CTNNA3, the gene that encodes for -T-catenin, is located on chromosome 10, and mutations in this gene show a strong correlation to late-onset Alzheimer s disease (LOAD) as well as to dilated cardiomyopathy.</p> |

Product Details

Purification: Purified by Protein A/G

Target Details

Target: JUP

Alternative Name: JUP ([JUP Products](#))

Molecular Weight: 80-87kDa

Gene ID: 3728

UniProt: [P14923](#)

Pathways: [Cell-Cell Junction Organization](#), [Maintenance of Protein Location](#)

Application Details

Application Notes: Positive Control: HeLa, SK-BR3, HT20, A549, 293 or A431 cells. Skin.
Known Application: Flow Cytometry (1-2 µg/million cells), ,Immunofluorescence (1-2 µg/mL),
,Western Blot (0.5-2 µg/mL),Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

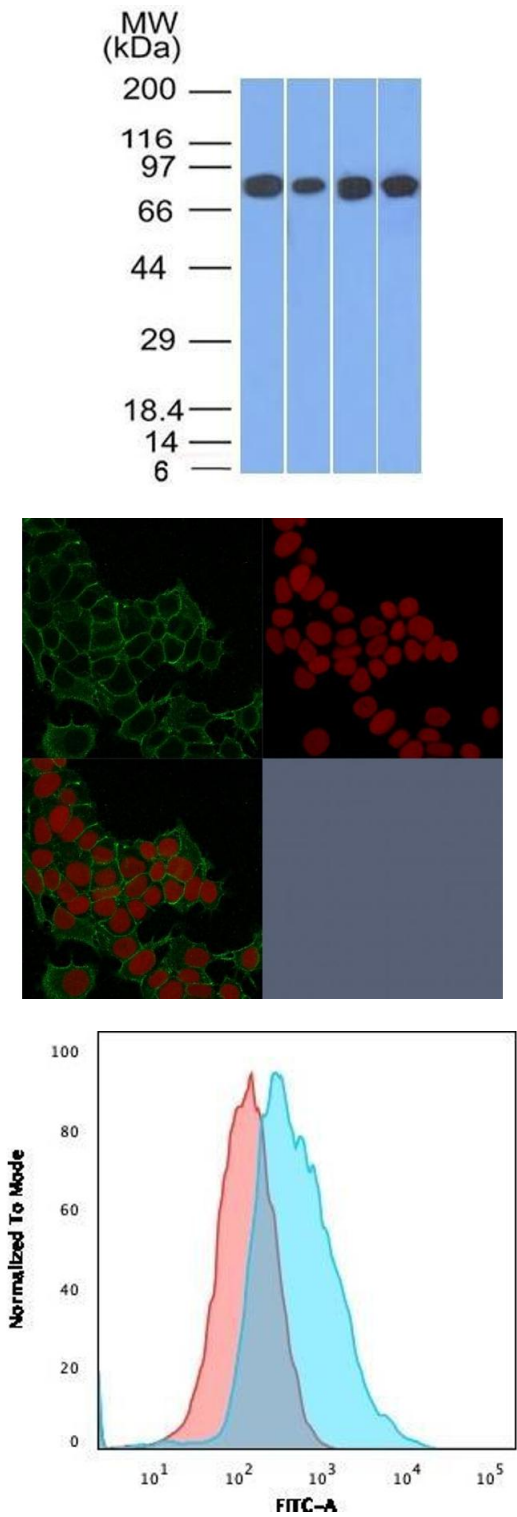
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



Western Blotting

Image 1. Western Blot of HT20, A549, 293 and A431 cell lysates using C Catenin, gamma Mouse Monoclonal Antibody (11E4).

Immunofluorescence

Image 2. Confocal immunofluorescence image of HeLa cells using Catenin, gamma Mouse Monoclonal Antibody (11E4) Green (CF488) and Reddot is used to label the nuclei Red.

Flow Cytometry

Image 3. Flow Cytometric Analysis of PFA-fixed MCF cells. Catenin, gamma Mouse Monoclonal Antibody (11E4) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6939838.