

DATASHEET

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Mouse Anti- HepaCAM (5A1F1)

PRODUCT NAME Anti – HepaCAM

BACKGROUND INFORMATION HepaCAM (GlialCAM) is frequently deleted in carcinomas, and reintroduction of hepaCAM into transformed cell lines reduces cellular growth and induces senescence. Mutations in HEPACAM give rise to the neurodegenerative disease megalencephalic leukoencephalopathy with subcortical cysts (MLC) since mutated hepaCAM prevents shuttling of MLC1 protein to astrocytic junctions in the plasma membrane. The study of the cytoplasmic domain of HepaCAM may be used for evaluating the potential predictive and correlative functions in preclinical and clinical studies of carcinomas and may assist in answering certain crucial questions that may be useful for the study of Cancer.

PRODUCT DESCRIPTION This antibody is a monoclonal antibody that recognises the cytoplasmic domain of HepaCAM.

FORMAT 100µg of lyophilized, purified antibody. Reconstitute to 100µl of distilled H2O for 1µg/µl. It contains no additives.

HOST Mouse

CLONALITY Monoclonal

ISOTYPE Human IgG1

REACTIVITY/SPECIFICITY This antibody is highly specific for the cytoplasmic domain of the CD137 ligand.

APPLICATIONS RECOMMENDED Immunofluorescence (IF), Western Blot (WB), Immunoprecipitate (IP)

STARTING DILUTIONS IF / IP: 1:1000. WB: 1:500. Optimal dilution has to be determined by the user.

STORAGE Lyophilized antibody can be kept at 4°C for up to 3 months and should be kept at -20°C for long-term storage. To avoid freeze-thaw cycles, reconstituted antibody should be aliquoted before freezing for short-term storage (-20°C) or for long-term storage (-80°C). For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made in assay buffer.

STABILITY Minimum 1 year from reception date.

REFERENCES Wu M, Moh MC, Schwarz H. HepaCAM associates with connexin 43 and enhances its localization in cellular junctions. Sci Rep, 2016 Nov 7;6:36218

LIMITATIONS This product has to be used for research purposes only.

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