

GMFG monoclonal antibody

Catalog: MB66726

Host: 1

Mouse

Reactivity: Human

BackGround:

GMF- γ (glia maturation factor, γ), also known as GMFG, is a 142 amino acid protein that belongs to the GMF subfamily of the larger Actin-binding protein ADF family. GMF- γ is expressed predominantly in lung, heart and placenta.GMF-y is considered a candidate regulatory growth factor protein, mediating both paracrine and autocrine cell-cell interactions. GMF-y is phosphorylated at N-terminal serine, and its phosphorylation is enhanced by coexpression of dominant active Rac 1 and Cdc42. GMF-y expression is significantly increased in a cardiac ischemia/reperfusion model where inflammation and angiogenesis take place actively. As a regulator of Actin-based cellular functions, GMF-y may provide a novel approach to modulate the pathophysiology of cardiovascular diseases. GMF-y is primarily found in proliferative and differentiative organs.

Product:

Mouse IgG1. Supplied in crude ascites with 0.01% sodium azide.

Molecular Weight:

~ 14 kDa

Swiss-Prot:

O60234

Purification&Purity:

Applications:

WB (1/2000 - 1/10000)

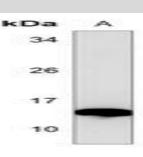
Storage&Stability:

Store at $4 \,^{\circ}{\rm C}$ short term. Aliquot and store at $-20 \,^{\circ}{\rm C}$ long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of GMFG protein.

DATA:



Western blot analysis of GMFG expression in Jurkat (A) whole cell ly-

sates.

For research use only, not for use in diagnostic procedure.

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