

GMFG monoclonal antibody

Catalog: MB66726

Host: 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 sub-family of the larger Actin-binding protein ADF family. GMF- γ is expressed predominantly in lung, heart and placenta. GMF- γ is considered a candidate regulatory growth factor protein, mediating both paracrine and auto-crine cell-cell interactions. GMF- γ is phosphorylated at N-terminal serine, and its phosphorylation is enhanced by coexpression of dominant active Rac 1 and Cdc42. GMF- γ 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- γ may provide a novel approach to modulate the pathophysiology of cardiovascular diseases. GMF- γ 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 °C short term. Aliquot and store at -20 °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 lysates.

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151