

## GYS1 monoclonal antibody

Catalog: MB21425

Host: Mouse

Reactivity: Human

### BackGround:

Glycogen synthase, skeletal muscle, the rate limiting enzyme of the insulin-induced glycogenesis. The protein encoded by this gene catalyzes the addition of glucose monomers to the growing glycogen molecule through the formation of alpha-1, 4-glycoside linkages. Mutations in this gene are associated with muscle glycogen storage disease. Muscle GS is expressed in several tissues.

### Product:

Purified antibody in PBS with 0.05% sodium azide.

### Molecular Weight:

85kDa

### Swiss-Prot:

P13807

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 FC:1/200 - 1/400

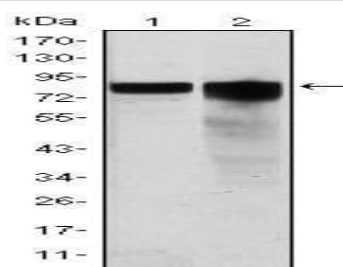
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

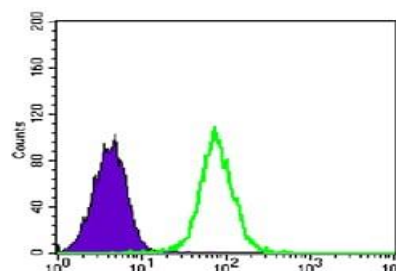
### Isotype:

Mouse IgG1

### DATA:



Western blot analysis using GYS1 mouse mAb against HeLa (1) and HEK293 (2) cell lysate.



Flow cytometric analysis of K562 cells using GYS1 mouse mAb (green) and negative control (purple).

### Note:

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

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