



Mouse TUG Mouse Monoclonal Antibody

E10-20048

Background: The TUG protein contains a UBX domain, for GLUT4. In truncated form, TUG acts in a dominant-negative manner to inhibit insulin-stimulated GLUT4 redistribution in Chinese hamster ovary cells and 3T3-L1 adipocytes. Full-length TUG forms a complex specifically with GLUT4. In 3T3-L1 adipocytes, this complex is present in unstimulated cells and is largely disassembled by insulin. Endogenous TUG is localized with the insulin-mobilizable pool of GLUT4 in unstimulated 3T3-L1 adipocytes, and is not mobilized to the plasma membrane by insulin.

Catalog Number: E10-20048

Amount: 100µg/100µl

Clone Number: 4A11A6G11

Species: Mouse IgG1

Aliases: ASPCR1, ASPL, ASPS, RCC17, TUG, UBXD9, UBXN9

Entrez Gene: 79058

Immunogen: Purified recombinant fragment of TUG expressed in E. Coli.

Storage: Store at 4°C, for long term storage, store at -20°C

Formulation: Purified antibody in PBS containing 0.03% sodium azide.

Species Reactivities: Mouse

Tested Applications: WB, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB.1/500 - 1/2000, ELISA. Propose dilution 1/10000.

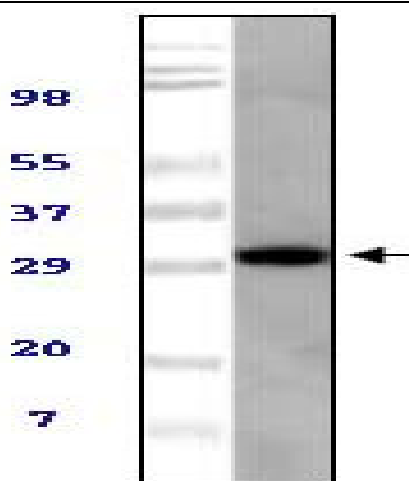


Figure 1. Western blot analysis using TUG mouse mAb against NIH/3T3 cell lysate.

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