

Mouse TUG Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3207
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of TUG expressed in E. Coli.
Mol wt	N/A
Species reactivity	Mouse
Clonality	Monoclonal
Recommended application	WB
Concentration	N/A
Full name	N/A
Synonyms	ASPCR1, ASPL, ASPS, RCC17, TUG, UBXD9, UBXN9

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

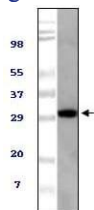
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.