

## GAPDH monoclonal antibody

Catalog: MB66649	Host: Mouse	Reactivity: Human, Mouse, Rat, Hamster, Monkey, Yeast
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### BackGround:

Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) catalyzes the phosphorylation of glyceraldehyde-3-phosphate during glycolysis. Though differentially expressed from tissue to tissue, GAPDH is thought to be a constitutively expressed housekeeping protein. For this reason, GAPDH mRNA and protein levels are often measured as controls in experiments quantifying specific changes in expression of other targets. Recent work has elucidated roles for GAPDH in apoptosis, gene expression, and nuclear transport. GAPDH may also play a role in neurodegenerative pathologies such as Huntington and Alzheimer's diseases.

### Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

### Molecular Weight:

~ 37 kDa

### Swiss-Prot:

P04406

### Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

### Applications:

WB (1/500 - 1/1000)

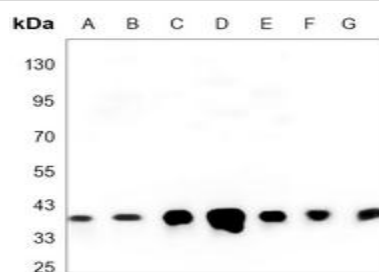
### Storage&Stability:

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

### Specificity:

Recognizes endogenous levels of GAPDH protein.

### DATA:



Western blot analysis of GAPDH expression in Hela (A), NIH3T3 (B), C6 (C), COS7 (D), CHOK1 (E), rat brain (F), Jurkat (G) whole cell lysates.

### Note:

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

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