

## GAPDH (1A6) monoclonal antibody-HRP

Catalog: MB001H

Host: Mouse

Reactivity: Human, Mouse, Rabbit, Frog,  
Fish, Chicken, Rat

### BackGround:

Glyceraldehyde 3 phosphate dehydrogenase (GAPDH) is well known as one of the key enzymes involved in glycolysis. As well as functioning as a glycolytic enzyme in cytoplasm, recent evidence suggests that mammalian GAPDH is also involved in a great number of intracellular processes such as membrane fusion, microtubule bundling, phosphotransferase activity, nuclear RNA export, DNA replication, and DNA repair. During the last decade a lot of data appeared concerning the role of GAPDH in different pathologies including prostate cancer progression, programmed neuronal cell death, age related neuronal diseases, such as Alzheimer's and Huntington's disease. GAPDH is expressed in all cells. It is constitutively expressed in almost all tissues at high levels.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 36 kDa

### Swiss-Prot:

N/A

### Purification&Purity:

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

### Applications:

WB: 1:5000~20000

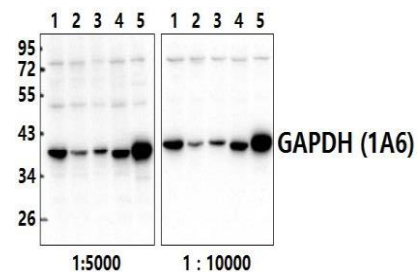
### Storage&Stability:

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

### Specificity:

GAPDH (1A6) mAb-HRP detects endogenous levels of GAPDH protein.

### DATA:



Western blot (WB) analysis of GAPDH (1A6) monoclonal antibody-HRP at 1:5000/1:10000 dilution

Lane1:L02 whole cell lysate(20ug)

Lane2:HEK293T whole cell lysate(20ug)

Lane3:Panc1 whole cell lysate(20ug)

Lane4:BV2 whole cell lysate(20ug)

Lane5:C6 whole cell lysate(20ug)

### Note:

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

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