

## GAPDH monoclonal antibody

Catalog: BS65483M

Host: Mouse

Reactivity: Human, Mouse, Rat, Rabbit,

### BackGround:

#### Loading Control

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. There are however some physiological factors such as hypoxia and diabetes that increase GAPDH expression in certain cell types. GAPDH molecule is composed of four 36kDa subunits.

### Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

### Molecular Weight:

38kD

### Swiss-Prot:

P46406

### Purification&Purity:

affinity purified by Protein G

### Applications:

WB=1:1000-5000

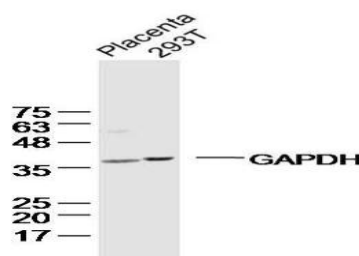
### Storage&Stability:

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

### Specificity:

GAPDH Monoclonal Antibody detects endogenous levels of GAPDH protein.

### DATA:



Primary: Anti-GAPDH at 1/1000 dilution

### Note:

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

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