GAPDH monoclonal antibody

Catalog: MB9231 Host: Mouse Reactivity: Human,Mouse,Rat

BackGround:

GAPDH (Glyceraldehyde-3-phosphate dehydrogenase) has both glyceraldehyde-3-phosphate dehydrogenase and nitrosylase activities, thereby playing a role in glycolysis and nuclear functions, respectively. It participates in nuclear events including transcription, RNA transport, DNA replication and apoptosis. GAPDH is a key enzyme in glycolysis that catalyzes the first step of the pathway by converting D-glyceraldehyde 3-phosphate (G3P) into 3-phospho-D-glyceroyl phosphate.

Product:

Mouse IgM, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

36 kDa

Swiss-Prot:

P04406

Purification&Purity:

ProL affinity purified

Applications:

WB:1:5,000-1:10,000

ICC:1:200

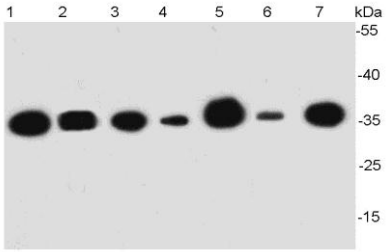
Storage&Stability:

Store at +4℃ after thawing. Aliquot store at -20℃ or -80℃. Avoid repeated freeze / thaw cycles.

Specificity:

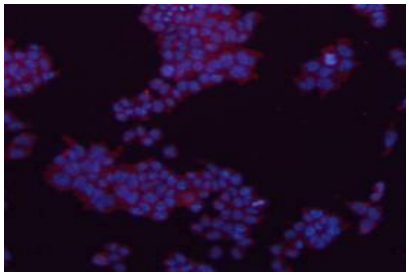
GAPDH monoclonal antibody detects endogenous levels of GAPDH protein.

DATA:



Western blot analysis of GAPDH on different cell lysates using anti-GAPDH antibody at 1/5000 dilution.

Positive control: Lane 1: HepG2 Lane 2: Hela Lane 3: PC12 Lane 4: NIH/3T3 Lane 5: MCF-7 Lane 6: Rabbit liver Lane 7:Zebrafish



ICC staining GAPDH in F9 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

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