

Production Name:GAPDH Monoclonal Antibody(2B8)
Catalog#: AMM80003



Summary

Production Name	GAPDH Monoclonal Antibody(2B8)
Host	Monoclonal, Mouse
Application	WB,IF,IHC-p,Elisa
specificity	The antibody detects endogenous GAPDH protein.
Reactivity	human;Rat;Mouse;Mk;Dg;Ch;Hamster;Rabbit;Pig;sheep;Insect;Yeast;Bovine
Isotype	
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	PBS, pH 7.4, containing 0.5%BSA, 0.02% New type preservative N as Preservative and 50% Glycerol.
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.

Immunogen Information

Gene Name	GAPDH
Immunogen	Synthetic Peptide of GAPDH

Application

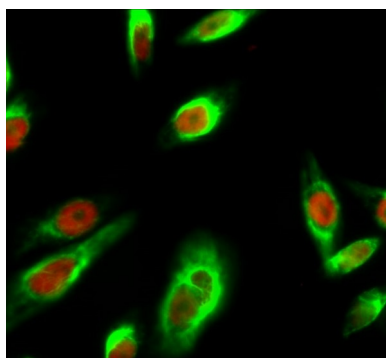
Dilution Ratio	WB 1:5000-20000, IHC-P 1:200-300, IF-ICC 1:200
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Background

glyceraldehyde-3-phosphate dehydrogenase(GAPDH) Homo sapiens This gene encodes a member of the glyceraldehyde-3-phosphate dehydrogenase protein family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. The product of this gene catalyzes an important energy-yielding step in carbohydrate metabolism, the reversible oxidative phosphorylation of glyceraldehyde-3-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide (NAD). The encoded protein has additionally been identified to have uracil DNA glycosylase activity in the nucleus. Also, this protein contains a peptide that has antimicrobial activity against *E. coli*, *P. aeruginosa*, and *C. albicans*. Studies of a similar protein in mouse have assigned a variety of additional functions including nitrosylation of nuclear proteins, the regulation of mRNA stability, and acting as a transferri

Image Data

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Immunofluorescence analysis of HeLa cell. 1,Cyclin D1 Polyclonal Antibody(red) was diluted at 1:200(4° overnight). GAPDH Monoclonal Antibody(2B8)(green) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000(room temperature, 50min).

Note

For research use only .