

GAPDH mouse mAb(2B8) antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A41022	Mouse	1 mg/ml	

Applications	WB,IF,IHC
Reactivity	Human,Rat,Mouse,Mk,Dg,Ch,Hamster,Rb,Pig,sheep,Insect,Yeast
Dilution	WB: 1:5000-20000, IHC: 1:200-300, IF 1:200
Storage	-20°C/1 year
Specificity	The antibody detects endogenous GAPDH protein.
Source / Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Immunogen	Synthetic Peptide of GAPDH
Uniprot No	P04406
Alternative names	
Form	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Clonality	Monoclonal
Isotype	
Conjugation	
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

Other

Product Images:**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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