

## 小鼠抗 GAPDH 单克隆抗体

中文名称: 小鼠抗 GAPDH 单克隆抗体

英文名称: Anti-GAPDH mouse monoclonal antibody

相关类别: 内参抗体

储 存: 冷冻(-20℃) 避光

宿 主: Mouse

抗 原: GAPDH

反应种属: Human, Mouse, Rat

标 记 物: Unconjugate

克隆类型: mouse monoclonal

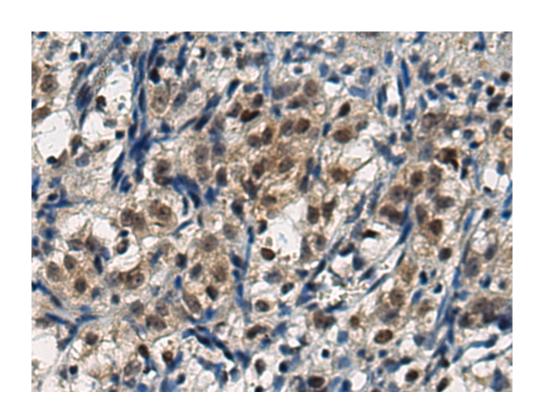
## 技术规格

**Background:** 

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. aeruginos a, and C. albicans. Studies of a similar protein in mouse have assigned a variety of additional functions i



	ncluding nitrosylation of nuclear proteins, the regulat ion of mRNA stability, and acting as a transferrin rec eptor on the cell surface of macrophage. Many pseu dogenes similar to this locus are present in the hum an genome. Alternative splicing results in multiple tr anscript variants.
Applications:	WB, IHC
Name of antibody:	GAPDH
Immunogen:	Fusion protein of human GAPDH
Full name:	glyceraldehyde-3-phosphate dehydrogenase
Synonyms:	G3PD; GAPD; HEL-S-162eP
SwissProt:	P04406
IHC positive control:	Human ovarian cancer and Human breast cancer; Human esophagus cancer and Human lung cancer
IHC Recommend dilution:	250-1000
WB Predicted band size:	36 kDa
WB Positive control:	Mouse brain tissue, Rat brain tissue, Human cerebru m tissue, Human cerebella tissue, PC-3 cell, Jurkat ce ll, HepG2 cell, Mouse skeletal muscle tissue lysates
WB Recommended dilution:	1000-5000





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