

产品概述

产品名 (Product Name)	Anti GAPDH mouse monoclonal antibody
货号 (Catalog No.)	ATMA01887Mo
种类 (Category)	Primary antibody
宿主 (Host)	Mouse
反应种属 (Species specificity)	Human,Rat,Mouse,Mk,Dg,Ch,Hamster,Rb,Pig,sheep
应用实验 (Tested applications)	WB; IHC; IF
克隆性 (Clonality)	Monoclonal
偶连物 (Conjugation)	Unconjugated
免疫原 (Immunogen)	Synthetic Peptide of GAPDH
别名	GAPDH,GAPD.
Uniprot ID	P04406
Note	For research use only .

产品性能

状态 (Form)	Liquid
储存溶液 (Buffer)	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
存放条件 (Storage)	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 °C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
浓度 (Concentration)	1mg/ml
亚型 (Isotype)	IgG1 Kappa
分子量 (MW)	34kDa
纯化方式 (Purity)	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.

应用

WB: 1:5000-20000 IHC: 1:200-300 IF 1:200

产品背景

Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) catalyzes the phosphorylation of glyceraldehyde-3-phosphate during glycolysis. GAPDH participates in nuclear events including transcription, binding RNA, RNA transportation, DNA replication, DNA repair and apoptosis. Being stably and constitutively expressed at high levels in most tissues and cells, GAPDH is considered a housekeeping protein. It is widely used as a control for RT-PCR and also loading control in electrophoresis and Western blotting. GAPDH is normally expressed in cellular cytoplasm or membrane, but can occasionally translocate to the nucleus after the addition of post-translational modifications such as S-nitrosylation.

