Mouse Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) Monoclonal Antibody | anti-GAPDH antibody

Anti-Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145975	**Mouse**	**Human, Mouse, Rat, Guinea pig, Bovine, Goat, Sheep**	**Western Blot**

PRODUCT SYNONYMS

Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH); Monoclonal Antibody; Anti-Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) Monoclonal Antibody; G3PD; GAPD; Peptidyl-cysteine S-nitrosylase GAPDH; anti-GAPDH antibody

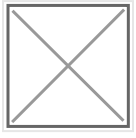
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Guinea pig, Bovine, Goat, Sheep
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	D1
Specificity	The antibody is a mouse monoclonal antibody raised against GAPDH. It has been selected for its ability to recognize GAPDH in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GAPDH antibody	WB (Western Blot)
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES

IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Human Prostate cancer Tissue

WB (Western Blot)
Western Blot: Sample: Recombinant GAPDH, Human.



WB (Western Blot)
Western Blot: Sample: Lane1: Human Liver Tissue; Lane2: Rat Liver Tissue; Lane3: Mouse Liver Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-GAPDH antibody	Control Antibody; Metabolic pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	378404908
NCBI GeneID	2597
NCBI Accession #	NP_001243728.1
NCBI GenBank Nucleotide #	NM_001256799.2
UniProt Accession #	P04406; P00354; Q53X65; E7EUT4
Molecular Weight	31,548 Da
NCBI Official Full Name	glyceraldehyde-3-phosphate dehydrogenase isoform 2
NCBI Official Synonym Full Names	glyceraldehyde-3-phosphate dehydrogenase
NCBI Official Symbol	GAPDH
NCBI Official Synonym Symbols	G3PD; GAPD; HEL-S-162eP
NCBI Protein Information	glyceraldehyde-3-phosphate dehydrogenase
UniProt Protein Name	Glyceraldehyde-3-phosphate dehydrogenase
UniProt Gene Name	**GAPDH**
UniProt Synonym Gene Names	GAPD; GAPDH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/glyceraldehyde-3-phosphate-dehydrogenase-gapdh-antibody-clone-d1-western-blot-elisa/145975