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

MAb to Glyceraldehyde-3-PDH

CATALOG #	HOST	APPLICATIONS
AAA57795	**Mouse**	**Immunofluorescence, Immunocytochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

Glyceraldehyde-3-Phosphate Dehydrogenase (multiple species) (GAPDH); Monoclonal Antibody; MAb to Glyceraldehyde-3-PDH; Monoclonal Antibody to Glyceraldehyde-3-PDH (GAPDH); anti-GAPDH antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG_1
Specificity	Recognizes GAPDH monomer (36 kDa) and the dimer form. Does not react with the tetrameric form. Reacts with GAPDH from fish, frog, chicken, rabbit, pig, dog, cat, rat, mouse and human skeletal muscle. Does not react with GAPDH from yeast, bovine and goat.
Purity/Purification	>90% pure (SDS-PAGE). Protein A chromatography
Form/Format	Purified, Liquid; Phosphate Buffered Saline, pH 7.4
Concentration	5.3 mg/mL (OD280nm, $E^{0.1\%}$ = 1.4) (varies by lot)
Sequence Length	335
Applicable Applications for anti-GAPDH antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen	Purified rabbit muscle GAPDH (whole molecule)
Preservative	0.09% Sodium Azide
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Warnings	This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1-1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.
Preparation and Storage	Store at 2-8°C

ADDITIONAL INFORMATION

Related Product Information for anti-GAPDH antibody	MAb to Glyceraldehyde-3-PDH Monoclonal Antibody to Glyceraldehyde-3-PDH (GAPDH)
Product Categories/Family for anti-GAPDH antibody	Monoclonal Antibodies to Enzymes
References	• Vozenin-Brotons, M.C., et al., (2003), "Fibrogenic signals in patients with radiation enteritis are associated with increased connective tissue growth factor expression", Int. J. Radiation Oncology Biol. Phys., 56(2): 561-572. • K

NCBI AND UNIPROT INFORMATION

NCBI GI #	7669492
NCBI GeneID	2597
NCBI Accession #	NP_002037.2
NCBI GenBank Nucleotide #	NM_002046.3
UniProt Accession #	P04406; P00354; Q53X65; Q0QET7; Q16768; Q2TSD0; Q5ZEY3
NCBI Official Full Name	glyceraldehyde-3-phosphate dehydrogenase
NCBI Official Synonym Full Names	glyceraldehyde-3-phosphate dehydrogenase
NCBI Official Symbol	GAPDH
NCBI Official Synonym Symbols	G3PD; GAPD; MGC88685
NCBI Protein Information	glyceraldehyde-3-phosphate dehydrogenase; OTTHUMP00000174430; OTTHUMP00000174431; OTTHUMP00000174432; OTTHUMP00000174434; aging-associated gene 9 protein; peptidyl-cysteine S-nitrosylase GAPDH; glyceraldehyde 3-phosphate dehydrogenase
UniProt Protein Name	Glyceraldehyde-3-phosphate dehydrogenase
UniProt Gene Name	**GAPDH**
UniProt Synonym Gene Names	GAPD
UniProt Entry Name	G3P_HUMAN

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-multiple-species-gapdh-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/57795