

Mouse GAPDH Monoclonal Antibody | anti-GAPDH antibody

GAPDH Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312009	Mouse	Human, Mouse, Rat, Zebrafish, Rabbit	Immunocytochemistry, Western Blot

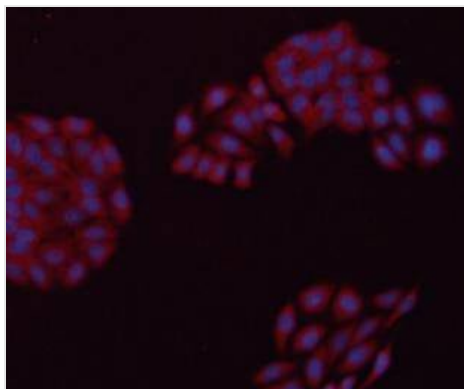
PRODUCT SYNONYMS

GAPDH; Monoclonal Antibody; GAPDH Antibody; 38 kDa BFA-dependent ADP-ribosylation substrate antibody; aging associated gene 9 protein antibody; Aging-associated gene 9 protein antibody; BARS-38 antibody; cb609 antibody; EC 1.2.1.12 antibody; Epididymis secretory sperm binding protein Li 162eP antibody; G3P_HUMAN antibody; G3PD antibody; G3PDH antibody; GAPD antibody; GAPDH antibody; Glyceraldehyde 3 phosphate dehydrogenase antibody; Glyceraldehyde-3-phosphate dehydrogenase antibody; HEL-S-162eP antibody; KNC-NDS6 antibody; MGC102544 antibody; MGC102546 antibody; MGC103190 antibody; MGC103191 antibody; MGC105239 antibody; MGC127711 antibody; MGC88685 antibody; OCAS; p38 component antibody; OCT1 coactivator in S phase; 38-KD component antibody; peptidyl cysteine S nitrosylase GAPDH antibody; Peptidyl-cysteine S-nitrosylase GAPDH antibody; wu:fb33a10 antibody; anti-GAPDH antibody

PRODUCT SPECIFICATIONS

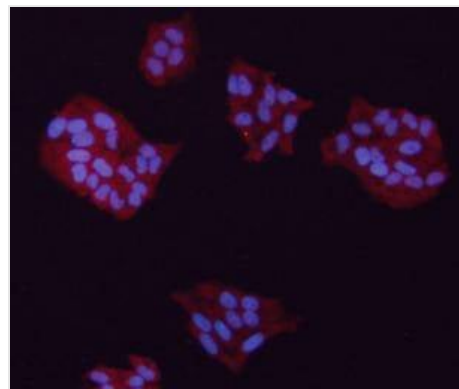
Host	Mouse
Reactivity	Human, Mouse, Rat, Zebrafish, Rabbit
Clonality	Monoclonal
Clone Number	5-E10
Purity/Purification	ProL affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-GAPDH antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



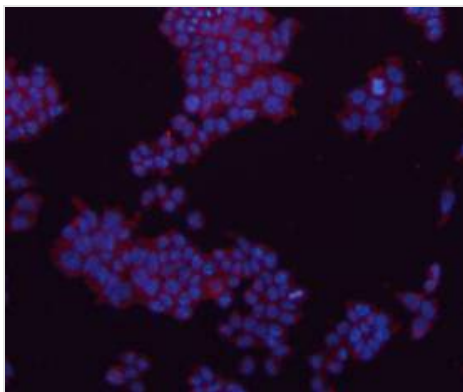
ICC (Immunocytochemistry)

ICC staining GAPDH in HepG2 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



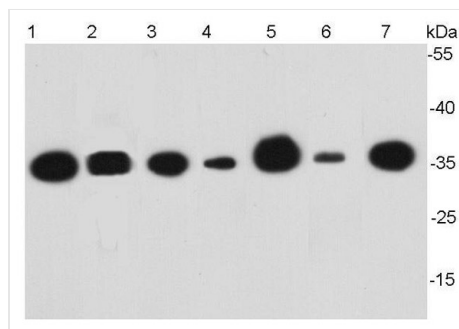
ICC (Immunocytochemistry)

ICC staining GAPDH in Hela cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining GAPDH in F9 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of GAPDH on different cell lysates using anti-GAPDH antibody at 1/5000 dilution. Positive control: Lane 1: HepG2 Lane 2: HeLa Lane 3: PC12 Lane 4: NIH/3T3 Lane 5: MCF-7 Lane 6: Rabbit liver Lane 7: Zebrafish

ADDITIONAL INFORMATION

Related Product Information for anti-GAPDH antibody	GAPDH (Glyceraldehyde-3-phosphate dehydrogenase) has both glyceraldehyde-3-phosphate dehydrogenase and nitrosylase activities, thereby playing a role in glycolysis and nuclear functions, respectively. It participates in nuclear events including transcription, RNA transport, DNA replication and apoptosis. GAPDH is a key enzyme in glycolysis that catalyzes the first step of the pathway by converting D-glyceraldehyde 3-phosphate (G3P) into 3-phospho-D-glyceroyl phosphate.
Product Categories/Family for anti-GAPDH antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	378404908
NCBI GeneID	2597
NCBI Accession #	NP_001243728.1
NCBI GenBank Nucleotide #	NM_001256799.1
UniProt Accession #	P04406; P00354; Q53X65
Molecular Weight	36,053 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
NCBI Protein Information	glyceraldehyde-3-phosphate dehydrogenase; aging-associated gene 9 protein; peptidyl-cysteine S-nitrosylase GAPDH
UniProt Protein Name	Glyceraldehyde-3-phosphate dehydrogenase
UniProt Gene Name	GAPDH
UniProt Synonym Gene Names	GAPD; GAPDH
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.