

Mouse GAPDH Monoclonal Antibody | anti-GAPDH antibody

Fluor 594-conjugated GAPDH Monoclonal Antibody

CATALOG # AAA179731	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence
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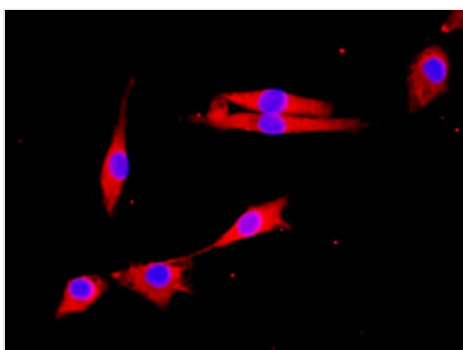
PRODUCT SYNONYMS

GAPDH; Monoclonal Antibody; Fluor 594-conjugated GAPDH Monoclonal Antibody; Aging associated gene 9 protein; BARS-38; cb609; G3PDH; GAPD; KNC-NDS6; OCAS; p38 component; anti-GAPDH antibody

PRODUCT SPECIFICATIONS

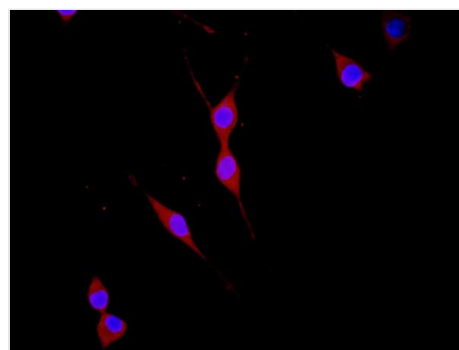
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7B8
Purity/Purification	Protein A/G Purification
Form/Format	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH 7.4
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GAPDH antibody	IF (Immunofluorescence)
Immunogen	Recombinant Human GAPDH protein expressed by E coli
Conjugation	Fluor594
Preparation and Storage	Store at -20 degree C Valid for 12 months. Avoid freeze/thaw cycles. Protected from prolonged exposure to light.

IMAGES



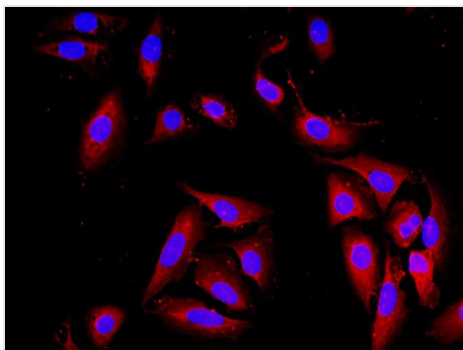
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using Fluor 594-conjugated GAPDH Monoclonal Antibody at dilution of 1:100



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using Fluor 594-conjugated GAPDH Monoclonal Antibody at dilution of 1:100



IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using Fluor? 594-conjugated GAPDH Monoclonal Antibody at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-GAPDH antibody	GAPDH is an enzyme of 37kDa that catalyzes the sixth step of glycolysis and thus serves to break down glucose for energy and carbon molecules. Because the GAPDH gene is often stably and constitutively expressed at high levels in most tissues and cells, it is commonly used as a loading control for western blot and as a control for qPCR.
Product Categories/Family for anti-GAPDH antibody	Primary Antibodies; Tags/Controls Antibodies; Signal Transduction; Metabolism; Cancer; Neuroscience; Isotype/Loading Controls; Cell Biology; Epigenetics and Nuclear Signaling; Tags and Cell Markers; Biochemicals; Cardiovascular; Developmental Biology

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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/gapdh-antibody-clone-7b8-immunofluorescence-elisa/179731>