

Mouse ALDOA Monoclonal Antibody | anti-ALDOA antibody

ALDOA Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA330088	Mouse	Human, Mouse, Rat Prediction: Bovine, Horse, Sheep, Rabbit, Dog, Xenopus	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ALDOA; Monoclonal Antibody; ALDOA Mouse Monoclonal Antibody; ALDA; Aldo1; ALDOA_HUMAN; Aldolase 1; Aldolase A; Aldolase A fructose biphosphatase; Aldolase A fructose biphosphate; Aldolase; fructose-biphosphate A; Epididymis secretory sperm binding protein Li 87p; FRUCTOALDOLASE A; Fructose 1 6 biphosphate triosephosphate lyase; Fructose biphosphate aldolase A; Fructose biphosphate aldolase; FRUCTOSE-1; 6-BISPHOSPHATE ALDOLASE A; Fructose-biphosphate aldolase A; Fructose-biphosphate aldolase A Muscle-type; GSD12; HEL S 87p; Lung cancer antigen NY LU 1; Lung cancer antigen NY-LU-1; MGC10942; MGC17716; MGC17767; Muscle type aldolase; Muscle-type aldolase; RNALDOG5; anti-ALDOA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat Prediction: Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Clonality	Monoclonal
Isotype	Mouse IgG1
Specificity	ALDOA Antibody detects endogenous levels of total ALDOA.
Purity/Purification	Affinity-chromatography.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence	MPYQYPALTP EQKKELSDIA HRIVAPGKGI LAADESTGSI AKRLQSIGTE NTEENRRFYR QLLLTADDRV NPCIGGVILF HETLYQKADD GRPFPQVIKS KGGVVGIVD KGVVPLAGTN GETTTQGLDG LSERCAQYKK DGADFAKWRC VLKIGEHTPS ALAIMENANV LARYASICQQ NGIVPIVEPE ILPDGDHDLK RCQYVTEKVL AAVYKALSDH HIYLEGTLLK PNMVTPGHAC TQKFSHEEIA MATVTALRRT VPPAVTGITF LSGGQSEEEA SINLNAINKC PLLKPWALTF SYGRALQASA LKAWGGKKEN LKAAQEEYVK RALANSLACQ GKYTPSGQAG AAASESLFVS NHAY
Applicable Applications for anti-ALDOA antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ALDOA, corresponding to a region within N-terminal amino acids.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



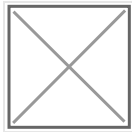
IF (Immunofluorescence)

AAA330088 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(#AAA330088) and rabbit anti-beta tubulin Ab for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-mouse IgG Ab(Red) and an AlexaFluor488 conjugated goat anti-rabbit IgG Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



IHC (Immunohistochemistry)

AAA330088 at 1/100 staining mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-mouse antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from various samples, using ALDOA Mouse Monoclonal Antibody. Lane 1: A375 cells treated with blocking peptide, Lane 2: A375 cells, Lane 3: B16F10-LUC cells, Lane 4: Rat muscle lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ALDOA antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	226
UniProt Accession #	P04075
Molecular Weight	39 kD; 39kD(Calculated)

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/aldoa-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/330088>