

Rabbit Lactate Dehydrogenase Monoclonal Antibody | anti-LDHA antibody

Lactate Dehydrogenase Antibody

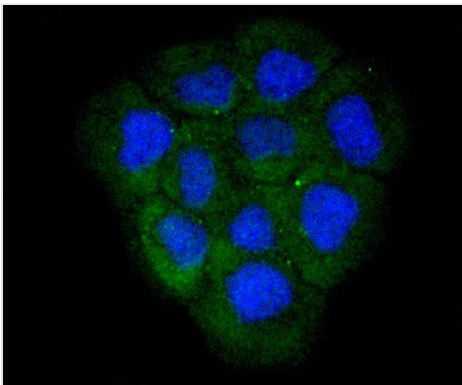
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30076	Rabbit	Human, Mouse, Rat, Zebrafish	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

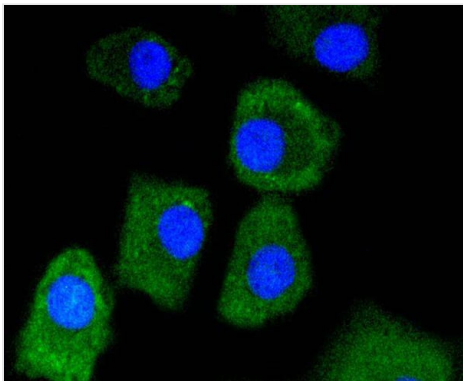
Lactate Dehydrogenase; Monoclonal Antibody; Lactate Dehydrogenase Antibody; Cell proliferation-inducing gene 19 protein antibody; GSD11 antibody; L lactate dehydrogenase B chain antibody; L-lactate dehydrogenase A chain antibody; Lactate dehydrogenase A antibody; Lactate dehydrogenase B antibody; Lactate dehydrogenase H chain antibody; Lactate dehydrogenase M antibody; LDH A antibody; LDH B antibody; LDH H antibody; LDH heart subunit antibody; LDH M antibody; LDH muscle subunit antibody; LDH-A antibody; LDH-M antibody; LDH1 antibody; Idha antibody; LDHA_HUMAN antibody; LDHBD antibody; LDHM antibody; MS1111 antibody; PIG19 antibody; Proliferation inducing gene 19 antibody; Renal carcinoma antigen NY REN 46 antibody; Renal carcinoma antigen NY-REN-59 antibody; TRG 5 antibody; TRG5 antibody; anti-LDHA antibody

PRODUCT SPECIFICATIONS

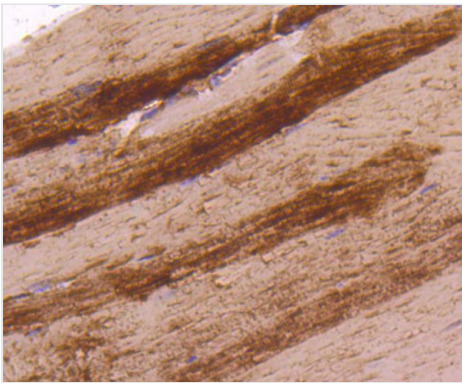
Host	Rabbit
Reactivity	Human, Mouse, Rat, Zebrafish
Clonality	Monoclonal
Clone Number	SU39-06
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-LDHA antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000-5000 IHC: 1:200-1:500 ICC: 1:50-1:200 FC: 1:50-1:100
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



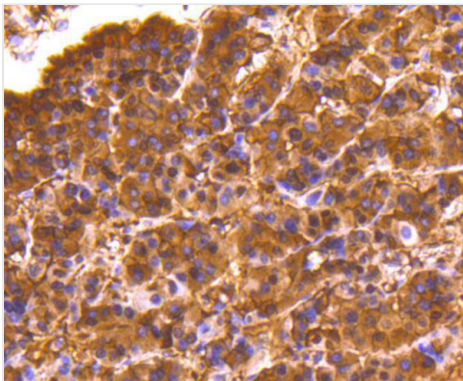
ICC (Immunocytochemistry)
ICC staining Lactate Dehydrogenase in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



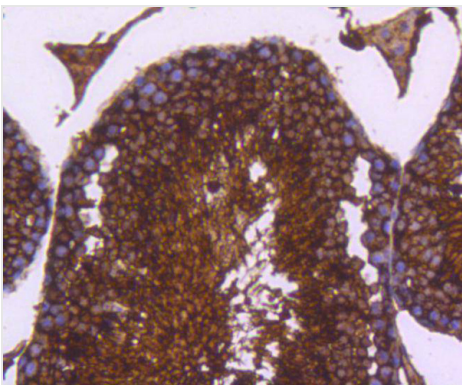
ICC (Immunocytochemistry)
ICC staining Lactate Dehydrogenase in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



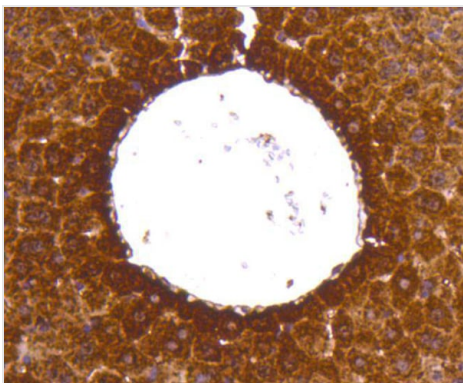
IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue using anti-Lactate Dehydrogenase antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-Lactate Dehydrogenase antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-Lactate Dehydrogenase antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-Lactate Dehydrogenase antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-LDHA antibody	The lactate dehydrogenase family (LDH) catalyzes the final step of anaerobic glycolysis, the conversion of L-lactate and NAD to pyruvate and NADH. The LDH family consists of three members, LDH-A, LDH-B and LDH-C, all of which form tetramers consisting four subunits. However, each family member displays a specific tissue distribution pattern with LDH-A and LDH-B predominant in several tissues, specifically LDH-A in muscle and LDH-B in heart, while LDH-C expression is confined to the testis and sperm. LDHs function as powerful markers for germ cell tumors. The genes encoding human LDH-A and LDH-C map to chromosome 11, while the human LDH-B gene maps to chromosome 12. Deficiency in the LDH-A gene is linked to exertional myoglobinuria.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	207028494
NCBI GeneID	3939
NCBI Accession #	NP_001128711.1
NCBI GenBank Nucleotide #	NM_001135239.1
UniProt Accession #	P00338; Q53G53; Q6IBM7; Q6ZNV1; Q9UDE8; Q9UDE9; B4DKQ2; B7Z5E3; D3DQY3; F8W819
Molecular Weight	37 kDa
NCBI Official Full Name	L-lactate dehydrogenase A chain isoform 2
NCBI Official Synonym Full Names	lactate dehydrogenase A
NCBI Official Symbol	LDHA
NCBI Official Synonym Symbols	LDH1; LDHM; GSD11; PIG19
NCBI Protein Information	L-lactate dehydrogenase A chain; LDH-A; LDH-M; LDH muscle subunit; lactate dehydrogenase M; proliferation-inducing gene 19; renal carcinoma antigen NY-REN-59; cell proliferation-inducing gene 19 protein
UniProt Protein Name	L-lactate dehydrogenase A chain
UniProt Gene Name	LDHA
UniProt Synonym Gene Names	LDH-A; LDH-M
UniProt Entry Name	LDHA_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/lactate-dehydrogenase-antibody-clone-su39-06-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-immunoprecipitation-flow-cytometry-elisa/30076>