

LDH-A Antibody

Catalog No: #48080

Package Size: #48080-1 50ul #48080-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

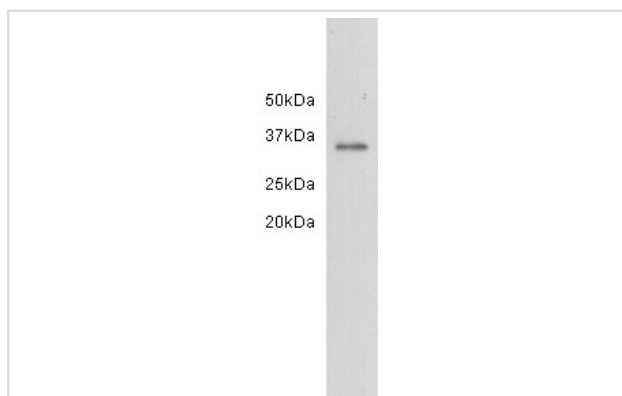
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|-----------------------|--|
| Product Name | LDH-A Antibody |
| Host Species | Mouse |
| Clone No. | 20-179 |
| Purification | ProA affinity purified |
| Applications | WB, IHC |
| Species Reactivity | Hu, Ms |
| Immunogen Description | peptide |
| Other Names | Cell proliferation-inducing gene 19 protein antibody GSD11 antibody L lactate dehydrogenase A chain antibody L-lactate dehydrogenase A chain antibody I7R2 antibody Lactate dehydrogenase 1, A chain antibody Lactate dehydrogenase A antibody Lactate dehydrogenase A4 antibody Lactate dehydrogenase M antibody LDH A antibody LDH M antibody LDH muscle subunit antibody LDH muscle subunit; M LDH antibody LDH-A antibody LDH-M antibody LDH1 antibody Idha antibody LDHA_HUMAN antibody LDHM antibody OTTMUSP00000017774 antibody PIG19 antibody Proliferation-inducing gene 19 antibody Renal carcinoma antigen NY-REN-59 antibody |
| Accession No. | Swiss-Prot#:P00338 |
| Uniprot | P00338 |
| GeneID | 3939; |
| Calculated MW | 35 kDa |
| Formulation | 1*TBS (pH7.4), 0.5%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide. |
| Storage | Store at -20°C |

Application Details

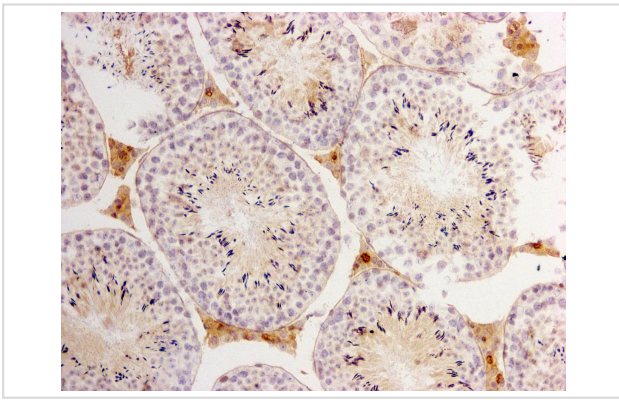
WB: 1:500

IHC: 1:50

Images



Western blot analysis on A549 cell lysates using anti-LDH-A Mouse mAb



Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-LDH-A Mouse mAb

Background

Lactate dehydrogenase (LDH) is an enzyme present in a wide variety of organisms, including plants and animals. It catalyses the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD⁺. In medicine, LDH is often used as a marker of tissue breakdown as LDH is abundant in red blood cells and can function as a marker for hemolysis. In mammals, three types of LDH subunits (35 kDa) are encoded by the genes Ldh-A, Ldh-B, and Ldh-C. Lactate dehydrogenase B (LDH-B, heart subunit, LDH-H) is involved in the conversion of L-lactate and NAD to pyruvate and NADH and it is predominantly localized in the heart tissue. Similar to other LDH subunit, LDH-B is considered to be an important marker for germ cell tumor.

References

Note: This product is for in vitro research use only