Product Datasheet

LDH-A Antibody

Catalog No: #48080

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

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

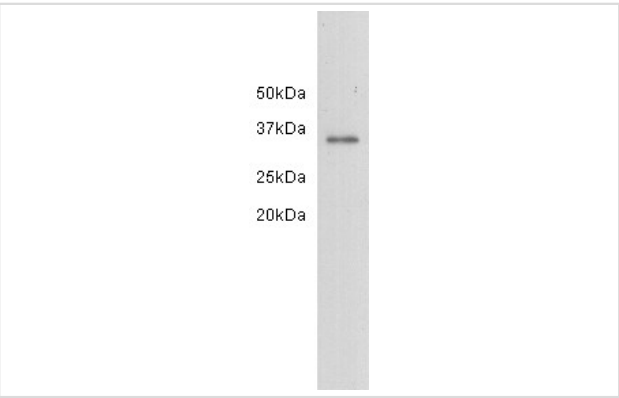
Product Name	LDH-A Antibody
Host Species	Mouse
Clone No.	20-179
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Ms
Immunogen Description	peptide
Other Names	Cell proliferation-inducing gene 19 protein antibody GSD11 antibody L lactate dehydrogenase A chain antibody L-lactate 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 ldha 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

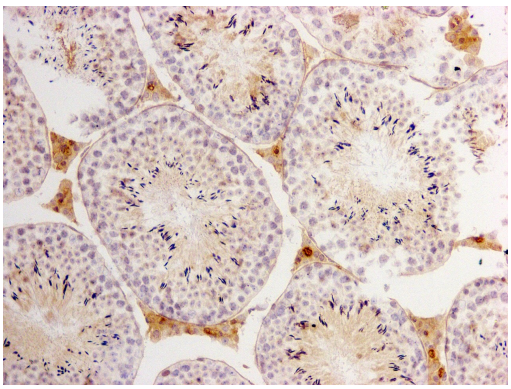
WB: 1:500

IHC: 1:50

Images



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



Immunohistochemical analysis of paraffinembedded 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 pryruvate 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