

Product Name: KD-Validated Lactate Dehydrogenase C Recombinant Rabbit Monoclonal Antibody

Catalog #: KVA00334

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 36.3kDa

Antigen Information

Gene Name	LDHC LDHC; Lactate Dehydrogenase C; CT32; Cancer/Testis Antigen 32; L-Lactate Dehydrogenase
Alternative Names	C Chain; LDH Testis Subunit; EC 1.1.1.27; LDH-C; LDH-X; LDH3; LDHX; Testis Secretory Sperm-Binding Protein Li 234P; Lactate Dehydrogenase C4; EC 1.1.1
Gene ID	3948.0
SwissProt ID	P07864
Immunogen	A synthesized peptide derived from human Lactate Dehydrogenase C

Background

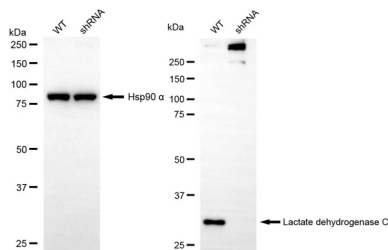
Lactate dehydrogenase C catalyzes the conversion of L-lactate and NAD to pyruvate and NADH in the final step of anaerobic

glycolysis. LDHC is testis-specific and belongs to the lactate dehydrogenase family. Two transcript variants have been detected which differ in the 5' untranslated region. [provided by RefSeq, Jul 2008]

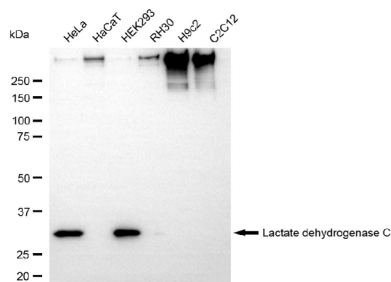
Research Area

Signal Transduction, Cancer, Metabolism

Image Data



Western blotting analysis using lactate dehydrogenase C antibody (KVA00334). Lactate dehydrogenase C expression in wild-type (WT) and lactate dehydrogenase C (LDHC) shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with lactate dehydrogenase C antibody (KVA00334, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using lactate dehydrogenase C antibody (KVA00334). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with lactate dehydrogenase C antibody (KVA00334, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.