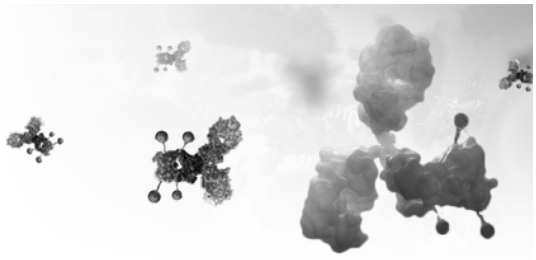

Mouse anti-Human LDHC monoclonal antibody, clone 3D9 (CABT-B10555)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	LDHC (NP_002292.1, 71 a.a. ~ 161 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3D9
Conjugate	Unconjugated
Applications	IF,ELISA
Sequence Similarities	FFSTSKITSGKDYSVSANSRIVIVTAGARQQEGETRLALVQRNVAIMKSIIPAIVHYSPD CKILVVSNPVDILTYIVWKISGLPVTRVIG*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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

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	lactate dehydrogenase family. Two transcript variants have been detected which differ in the 5 untranslated region. [provided by RefSeq, Jul 2008]
Keywords	LDHC; lactate dehydrogenase C; CT32; LDH3; LDHX; L-lactate dehydrogenase C chain; LDH-C; LDH-X; LDH testis subunit; cancer/testis antigen 32; lactate dehydrogenase C4; lactate dehydrogenase c variant 1; lactate dehydrogenase c variant 3; lactate dehydrogenase c variant 4;

GENE INFORMATION

Entrez Gene ID	3948
UniProt ID	P07864
Pathway	Cysteine and methionine metabolism, organism-specific biosystem; Cysteine and methionine metabolism, conserved biosystem; Glycolysis / Gluconeogenesis, organism-specific biosystem; Glycolysis / Gluconeogenesis, conserved biosystem; Glycolysis and Gluconeogenesis, organism-specific biosystem; Metabolic pathways, organism-specific biosystem
Function	L-lactate dehydrogenase activity; binding; oxidoreductase activity

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