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anti-Lactate Dehydrogenase C antibody





Overview

Quantity:	100 μL
Target:	Lactate Dehydrogenase C (LDHC)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Lactate Dehydrogenase C antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Lactate Dehydrogenase C Rabbit mAb
Immunogen:	Recombinant protein of Human Lactate Dehydrogenase C.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	Lactate Dehydrogenase C (LDHC)
Alternative Name:	Lactate Dehydrogenase C (LDHC Products)
Background:	Lactate dehydrogenase C catalyzes the conversion of L-lactate and NAD to pyruvate and NADH

Target Details

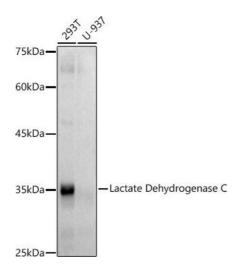
	in the final step of anaerobic glycolysis. LDHC is testis-specific and belongs to the lactate dehydrogenase family. Two transcript variants have been detected which differ in the 5' untranslated region.,LDHC,CT32,LDH3,LDHX,Cancer,Tumor biomarkers,Signal Transduction,Endocrine & Metabolism,Lactate Dehydrogenase C
Molecular Weight:	36kDa
Gene ID:	3948
UniProt:	P07864
Pathways:	Ribonucleoside Biosynthetic Process, Warburg Effect

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using Lactate Dehydrogenase C antibody (ABIN7268171) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: $25 \mu g$ per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.