

Allgemeine Informationen

Katalog-Nr.: 81963-1-RR	GenBank-Zugangsnummer: BC002362	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul, Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 3945	CloneNo.: 1M20
Wirt: Kaninchen	Vollständiger Name: lactate dehydrogenase B	Empfohlene Verdünnungen: WB 1:20000-1:100000 IF 1:500-1:2000
Isotyp: IgG	Berechnete Masse: 36 kDa	
Immunogen Katalognummer: AG6605	Beobachtete Masse: 35 kDa	

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen:
Getestete Reaktivität: Human, Maus, Ratte	WB : HeLa-Zellen, DU 145-Zellen, HEK-293-Zellen, Maushirngewebe, Rattenherzgewebe, Rattenhirngewebe
	IF : HeLa-Zellen,

Hintergrundinformationen

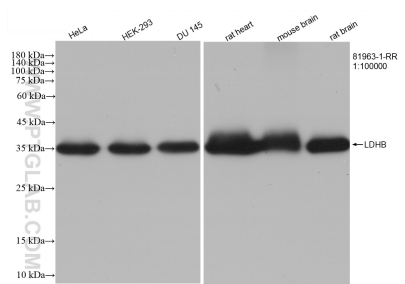
LDHB, also named as LDH-H and NY-REN-46, belongs to the LDH/MDH superfamily. And LDH family. It is an enzyme which catalyzes the reversible conversion of pyruvate and NADH to lactate and NAD⁺ in the glycolytic pathway. LDH comprises LDHA and LDHB, two subunits that are encoded by independent genes. In muscle or liver, most of the LDH is composed of four LDHA subunits, and preferably catalyzes the reduction of pyruvate to lactate. In heart and brain, LDH is mainly composed of four LDHB subunits, and predominantly catalyzes the oxidation of lactate to pyruvate. In other tissues, LDH is composed of both LDHA and LDHB. (PMID: 26269128, 31804482)

Lagerung

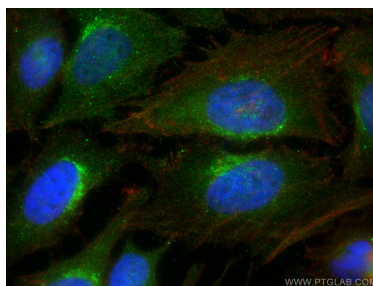
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 81963-1-RR (LDHB antibody) at dilution of 1:100000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using LDHB antibody (81963-1-RR, Clone: 1M20) at dilution of 1:1000 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).