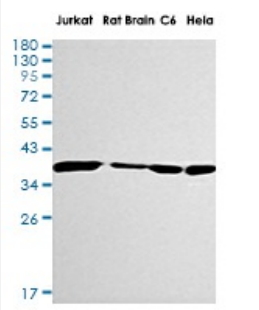
RecomAb™

LDHA recombinant monoclonal antibody, clone R09-9A7

Catalog # RAB01247 Size 100 uL

Applications



Western Blot

Western blot analysis of LDHA in Jurkat, rat Brain, C6, Hela lysates using Lactate Dehydrogenase A antibody.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human LDHA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human Lactate Dehydroge nase.
Theoretical MW (kDa)	Calculated MW: 37 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG

Recommend Usage	Immunohistochemistry (Frozen sections) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Immunocytochemistry Immunofluorescence Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot

  Western blot analysis of LDHA in Jurkat, rat Brain, C6, Hela lysates using Lactate Dehydrogenase A antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunohistochemistry (Frozen sections)
- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation

Gene Info — LDHA

Entrez GeneID	3939
Protein Accession#	P00338
Gene Name	LDHA
Gene Alias	LDH-M, LDH1, PIG19
Gene Description	lactate dehydrogenase A
Omim ID	150000

Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene catalyzes the conversion of L-lactate and NAD to pyruvate and NADH in the final step of anaerobic glycolysis. The protein is found predominantly in muscle tissue and belongs to the lactate dehydrogenase family. Mutations in this gene have been linked to exertional myoglobinuria. Multiple transcript variants encoding different isoforms have been found for this gene. The human genome contains several non-transcribed pseudogenes of this gene. [provided by RefSeq
Other Designations	L-lactate dehydrogenase A|proliferation-inducing gene 19

Pathway

- Cysteine and methionine metabolism
- Glycolysis / Gluconeogenesis
- Metabolic pathways
- Propanoate metabolism
- Pyruvate metabolism

Disease

- Coronary Disease
- Genetic Predisposition to Disease
- Hypertension
- Narcolepsy
- Panic Disorder