

Product datasheet

info@arigobio.com

ARG55590 anti-LDHA / Lactate Dehydrogenase antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes LDHA / Lactate Dehydrogenase

Tested Reactivity Hu, Mk

Predict Reactivity Bov, Rat, Pig

Tested Application FACS, IHC-P, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name LDHA / Lactate Dehydrogenase

Species Human

Immunogen KLH-conjugated synthetic peptide corresponding to aa. 154-182 (Center) of Human LDHA.

Conjugation Un-conjugated

Alternate Names PIG19; Cell proliferation-inducing gene 19 protein; LDH muscle subunit; Renal carcinoma antigen NY-

REN-59; HEL-S-133P; L-lactate dehydrogenase A chain; GSD11; LDHM; EC 1.1.1.27; LDH-M; LDH-A

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|--------------|
| | FACS | 1:10 - 1:50 |
| | IHC-P | 1:50 - 1:100 |
| | WB | 1:1000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | Ramos | |

Properties

Form Liquid

Purification Purification with Protein A and immunogen peptide.

Buffer PBS and 0.09% (W/V) Sodium azide

Preservative 0.09% (W/V) Sodium azide

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Bioinformation

Database links GeneID: 3939 Human

Swiss-port # P00338 Human

Gene Symbol LDHA

Gene Full Name lactate dehydrogenase A

Background 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,

Sep 2008]

Research Area Cancer antibody; Metabolism antibody; Signaling Transduction antibody; Lactate dehydrogenase

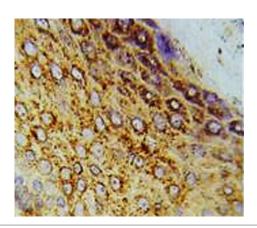
antibody; Warburg Effect signaling pathway antibody

Calculated Mw 37 kDa

PTM ISGylated.

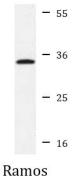
Cellular Localization Cytoplasm.

Images



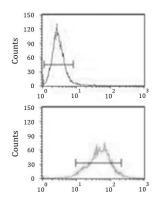
ARG55590 anti-LDHA / Lactate Dehydrogenase antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human skin tissue stained with ARG55590 anti-LDHA / Lactate Dehydrogenase antibody.



ARG55590 anti-LDHA / Lactate Dehydrogenase antibody WB image

Western blot: 35 μg of Ramos cell lysate stained with ARG55590 anti-LDHA / Lactate Dehydrogenase antibody.



ARG55590 anti-LDHA / Lactate Dehydrogenase antibody FACS image

Flow Cytometry: HeLa cells stained with ARG55590 anti-LDHA / Lactate Dehydrogenase antibody (bottom histogram) or without primary antibody as control (top histogram), followed by incubation with FITC labelled secondary antibody.