Anti-LDHA Antibody (Clone#OTI2C11)

Catalog Number: *M00825-2*

BOSTER
antibody and ELISA experts
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Basic Information

Product Name	Anti-LDHA Antibody (Clone#OTI2C11)
Gene Name	LDHA
Source	Mouse
Clonality	Monoclonal
Isotype	IgG1
Species Reactivity	human, mouse
Tested Application	IHC
Contents	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Full length human recombinant protein of human LDHA (NP_005557) produced in HEK293T cell.
Concentration	500 ug/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Dilution Ratios	Immunohistochemistry (IHC):1:50

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

Background Information

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]

Selected Validation Data

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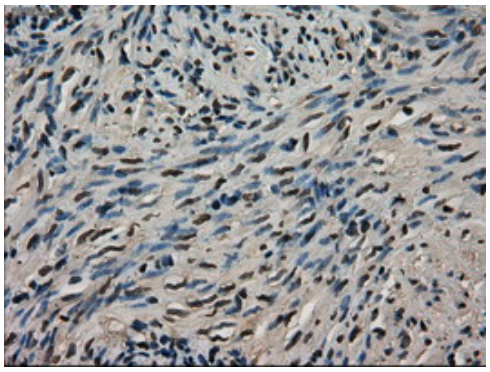

Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-LDHA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, M00825-2)