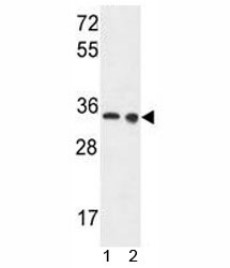
LDHA Antibody (F51766)

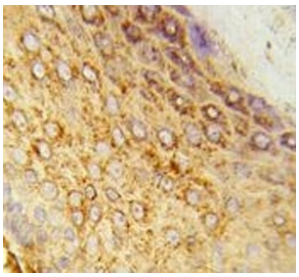
Catalog No.	Formulation	Size
F51766-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51766-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

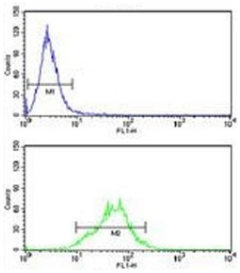
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Pig, Primate, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P00338
Localization	Cytoplasmic, nuclear
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100 Flow Cytometry: 1:10-1:50
Limitations	This LDHA antibody is available for research use only.



LDHA antibody western blot analysis in 1) Ramos and 2) A375 lysate. Predicted molecular weight ~36kDa.



IHC analysis of FFPE human skin tissue stained with LDHA antibody



LDHA antibody flow cytometry analysis of HeLa cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

LDHA 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.

Application Notes

Titration of the LDHA antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 154-182 from the human protein was used as the immunogen for this LDHA antibody.

Storage

Aliquot the LDHA antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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