

Lactate Dehydrogenase antibody

Cat. No. GTX48868

Host	Goat
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IP, ELISA
Reactivity	Human

Package
100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:5000
ICC/IF	Assay dependent
IP	1:100
ELISA	1:5000-1:20000

Not tested in other applications.

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	82 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length lactate dehydrogenase protein isolated from rabbit muscle.
Conjugation	Unconjugated

Note

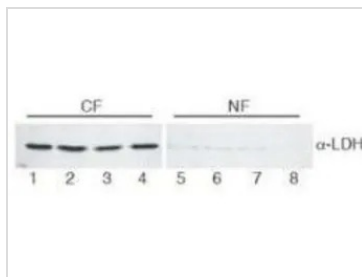
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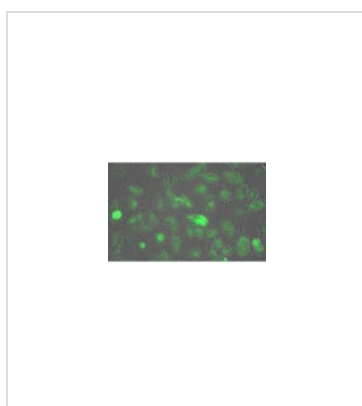
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DATA IMAGES



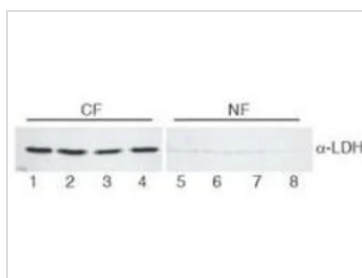
GTX48868 WB Image

Western blot analysis shows GeneTex's Anti-Lactate Dehydrogenase antibody detects LDH in HeLa cell extracts. Reactivity with LDH is observed in the cytoplasmic fraction (CF) and little to no reactivity in the nuclear fraction (NF). 30 µg was loaded per lane. Comparison to a molecular weight marker (not shown) indicates a single band of ~36 kDa corresponding to the expected molecular weight for the protein. The blot was incubated with 1:400 for overnight at 4°C. Secondary antibody at 1:10,000 for 45 min at RT.



GTX48868 ICC/IF Image

ICC/IF analysis of MeOH-fixed HeLa cells using GTX48868 Lactate Dehydrogenase antibody.
Dilution : 1:200



GTX48868 WB Image

WB analysis of HeLa whole cell lysate using GTX48868 Lactate Dehydrogenase antibody.
Lane 1-4 : Cytoplasmic extracts
Lane 5-8 : Nuclear extracts
Loading : 30 µg
Dilution : 1:400



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