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Anti-Lactate Dehydrogenase Rabbit mAb [39D71]

Catalog No.: A52207

Basic Information

Catalog No. (Cat.No.)	A52207
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	Lactate Dehydrogenase,LDH,LDH (generic,may refer to LDHA/LDHB/LDHC)

Product Information

Target	Lactate Dehydrogenase
Molecular Weight(Calculated)	37 kDa
Molecular Weight(Observed)	37 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	39D71
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:1000-1:3000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Lactate dehydrogenase
Gene Name	*NA*
Domain	NA
Background	Lactate Dehydrogenase (LDH) is an NAD-dependent cytoplasmic dehydrogenase with multiple tissue-specific isozymes. It reversibly catalyzes inter-conversion between pyruvate and lactate, bridging glycolysis and lactate metabolism. LDH leaks into extracellular space upon cell necrosis, serving as classic readout for cell-damage assessment. Total LDH is frequently up-regulated in tumors to match high-glycolysis phenotype.