

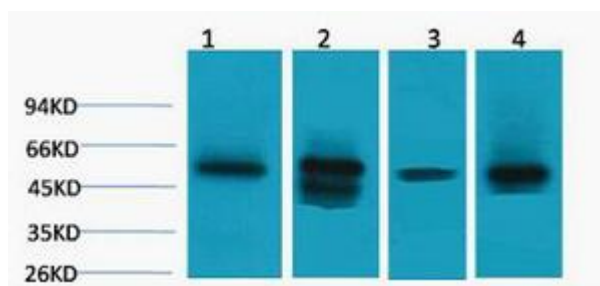


LDHD Monoclonal Antibody

Catalog No	YP-mAb-01196
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	LDHD
Protein Name	Probable D-lactate dehydrogenase, mitochondrial
Immunogen	Recombinant Protein of LDHD
Specificity	The antibody detects endogenous LDHD protein.
Formulation	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Probable D-lactate dehydrogenase, mitochondrial (DLD) (Lactate dehydrogenase D) (EC 1.1.2.4)
Observed Band	55kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Expressed moderately in heart and liver and at lower levels in skeletal muscle and kidney.
Function	catalytic activity:(R)-lactate + 2 ferricytochrome c = pyruvate + 2 ferrocytochrome c.,cofactor:FAD.,similarity:Belongs to the FAD-binding oxidoreductase/transferase type 4 family.,similarity:Contains 1 FAD-binding PCMH-type domain.,subunit:Interacts with CSRP3.,tissue specificity:Expressed moderately in heart and liver and at lower levels in skeletal muscle and kidney.,
Background	The protein encoded by this gene belongs to the D-isomer specific 2-hydroxyacid dehydrogenase family. The similar protein in yeast has both D-lactate and D-glycerate dehydrogenase activities. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using LDHD Monoclonal Antibody