



LDHD Monoclonal Antibody

Catalog No	YP-mAb-01196
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	LDHD
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;Lactate dehydrogenase D; EC:1.1.2.4;DLD;LDHD;mitochondrial (DLD) (Lactate dehydrogenase D) (EC 1.1.2.4); mitochondrial; mitochondrial (DLD) (Lactate dehydrogenase D) (EC 1.1.2.4)
Observed Band	55kD
Calculated Molecular Weight	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**

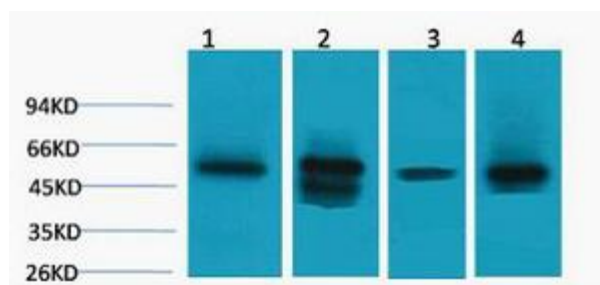
The protein encoded by this gene belongs to the D-isomer specific 2-hydroxyacid dehydrogenase family. The similar protein in yeast has both D-lactate and D-glycerate dehydrogenase activities. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. [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