

Mouse Lactate Dehydrogenase B Monoclonal Antibody | anti-LDHB antibody

Monoclonal Antibody to Lactate Dehydrogenase B (LDHB)

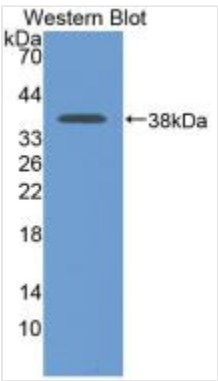
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA141281	Mouse	Rat, Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

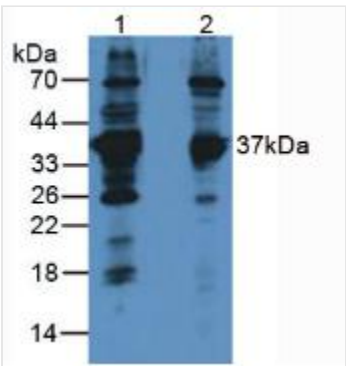
Lactate Dehydrogenase B; Monoclonal Antibody; Monoclonal Antibody to Lactate Dehydrogenase B (LDHB); anti-LDHB antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	1#
Specificity	The antibody is a mouse monoclonal antibody raised against LDHB. It has been selected for its ability to recognize LDHB in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	1mg/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-MATLKEKL IAPVADDETA VPNNKITVVG VGQVGMACAI SILGKSLADE LALVDVLEDK LKGEMMDLQH GSLFLQTPKI VADKDYSVT NSKIVVVTAG VRQEGESRL NLVQRNVNVF KFIIPQIVKY SPDCTIIVVS NPVDILTYVT WKLSGLPKHR VIGSGCNLDS ARFRYLMAEK LGIHPSSCHG WILGEHGDSS VAVWSGVNVA GV
Sequence Length	334
Applicable Applications for anti-LDHB antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Organism Species	Rattus norvegicus (Rat)
Cross Reactivity	Human, Rat
Conjugate	No Conjugate
Immunogen	Recombinant LDHB (Met1-Leu334) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Western Blot: Sample: Recombinant LDHB, Rat.



WB (Western Blot)
Western Blot: Sample: Lane1: Rat Brain Tissue; Lane2: Human Jurkat Cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	938319566
NCBI GeneID	24534
NCBI Accession #	NP_001303262.1
NCBI GenBank Nucleotide #	NM_001316333.1
UniProt Accession #	P42123
Molecular Weight	36,612 Da
NCBI Official Full Name	L-lactate dehydrogenase B chain isoform Ldhbx
NCBI Official Synonym Full Names	lactate dehydrogenase B
NCBI Official Symbol	Ldhb
NCBI Official Synonym Symbols	Ldh2
NCBI Protein Information	L-lactate dehydrogenase B chain
UniProt Protein Name	L-lactate dehydrogenase B chain
UniProt Gene Name	Ldhb
UniProt Synonym Gene Names	Ldh-2; Ldh2; LDH-B; LDH-H

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.