

**A91370Hu01**  
**Polyclonal Antibody to Lactate Dehydrogenase A (LDHA)**  
*Instruction manual*

FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

4th Edition (Revised in September, 2012)

**[ PRODUCT INFORMATION ]**

**Immunogen:** LDHA

**Clonality:** Polyclonal

**Host:** Rabbit

**Species Reactivity:** Human

**Ig type:** Rabbit IgG

**Purification:** Antibodies are purified by target protein affinity chromatography.

**Applications:** WB, ICC, IHC-P, IHC-F

**Form:** Liquid

**Size:** 100µg

**[ IMMUNOGEN INFORMATION ]**

**Immunogen:** Recombinant human LDHA (Met1~Phe332) expressed in *E.coli*.

**Molecular Weight:** 38.2 kDa

**USCN accession No.:** P91370Hu01

**Sequence:** The target protein is fused with a His-tag and its sequence is listed below.

MGHHHHHSGSEF-MATLKDQLIY NLLKEEQTPQ NKITVVGVA VGMACAISIL MKDLADELAL VDVIEDKLLG EMMDLQHGSL  
FLRTPKIVSG KDYNVTANSK LVIITAGARQ QEGESRLNLV QRNVNIFKFI IPNVVKYSPN CKLLIVSNPV DILTYVAWKI  
SGFPKNRVIG SGCNLD SARF RYLMGERLGVHPLSCHGWVL GEHGDSSVPV WSGMNVAGVS LKTLHPDLGT DKDKKEQWKEV  
HKQVVESAYE VIKLKGYSW AIGLSVADLA ESIMKNLRRV HPVSTMIKGL YGIKDDVFLS VPCILGQNGI SDLVKVTLTS  
EEEEARLKKSA DTLWGIQKEL QF



## **[ ANTIBODY SPECIFICITY ]**

Anti LDHA is a rabbit polyclonal antibody raised against human LDHA. This antibody has been selected for its ability to recognize human LDHA in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

## **[ APPLICATIONS ]**

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

## **[ CONTENTS ]**

**Form & Buffer:** Supplied as solution form in PBS, pH 7.4, containing 0.02%Na<sub>3</sub>N, 50% glycerol.

## **[ STORAGE ]**

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

