

**A91039Ra01**  
**Polyclonal Antibody to Surfactant Associated Protein D (SPD)**  
***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:** SPD

**Clonality:** Polyclonal

**Host:** Rabbit

**Species Reactivity:** Rat

**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 rat SPD (Ala20~Phe374) expressed in *E.coli*.

**Molecular Weight:** 37.0 kDa

**USCN accession No.:** P91039Ra01

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

MGHHHHHSGSEF-A EMKTLQRSI TNTCTLVLCSTPTENGLPGRD GRDREGPRG EKGDPGLPGP MGLSGLPGPR  
GPVGPKEG SAGEPGPKGE RGLVPPGSP GISGPAGKEG PSGKQGNIGP QGKPGPKGEA GPKGEVGAPG MQGSAGAKGP  
AGPKGERGAP GEQGAPGNAG AAGPAGPAGP QGAPGSRGPP GLKGDRGAPG DRGIKGESGL PDSAALRQQM EALNGKLQRL  
EAAFSRYKKA ALFPDQQSVG DKIFRAANSE EPFEDAKEMC RQAGGQLASP RSATENAAVQ QLVTAHAKAA FLSMTDVGTE  
GKFTYPTGEA LVYSNWAPGE PNNNGGAENC VEIFTNGQWN DKACGEQRLV ICEF



## **[ ANTIBODY SPECIFICITY ]**

Anti SPD is a rabbit polyclonal antibody raised against rat SPD. This antibody has been selected for its ability to recognize rat SPD 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.

