

**A90073Ra01**

**Polyclonal Antibody to Endothelial Cell Adhesion Molecule (ESAM)**

***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:** ESAM

**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 ESAM (Met31~Ala251) expressed in *E.coli*.

**Molecular Weight:** 29.8 kDa

**USCN accession No.:** P90073Ra01

**Sequence:** The target protein is fused with two N-terminal Tags, His-tag and S-tag and its sequence is listed below.

MHHHHHHSSGLVPRGSGMKETAAAKFERQHMDSPDLGTDDDDKAMADIGSEF-MELHVPPGLN KLEAVEGEEV VLPAYTMAR  
EESSSHPWEA PFLIWLEQE GKEPKQVLSY FKGSLSNKPG VTLVHSISTR NVSLRLDALQ EGDSGTYRCS VNAYDSGKN  
IGHSIKTIEL KVLVPPAPPS CSFQGVYPVG TNVTLNCKSP RSKPTAQYQW ERLAPSSQVF FGPALDTVIRG SLKLTNISTA  
MSGVYVCKAQ NRVGFAQCNV TLDVMTGSKAA



## **[ ANTIBODY SPECIFICITY ]**

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

