

**A71655Co01**  
**Polyclonal Antibody to Escherichia coli Protein (ECP)**  
***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:** ECP

**Clonality:** Polyclonal

**Host:** Rabbit

**Species Reactivity:** Coli

**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 coli ECP (Ala21~Arg162) expressed in *E.coli*.

**Molecular Weight:** 20.0 kDa

**USCN accession No.:** P71655Co01

**Sequence:** The target protein is fused with two N-terminal Tags, His-tag and T7-tag and its sequence is listed below.

MGSSHHHHHHSSGLVPRGSHMASMTGGQQMGRGSEF-AESVQPLEKI    APYPQAEKGM    KRQVIQLTPQ    EDESTLKVEL  
LIGQTLLEVDC NLHRLGGKLE NKTLEGWGYD YYVFDKVSSP VSTMMPACPDG KKEKKFVTAY LGDAGMLRYN SKLPVVYTP  
DNVDVKYRVW KAEKIDNAV VR



## **[ ANTIBODY SPECIFICITY ]**

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

