

**PAA705Mu03**

**Polyclonal Antibody to Mucin 2 (MUC2)**  
**Organism Species: Mus musculus (Mouse)**

***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

## **[ PRODUCT INFORMATION ]**

**Immunogen:** MUC2, Mouse

**Clonality:** Polyclonal

**Host:** Rabbit

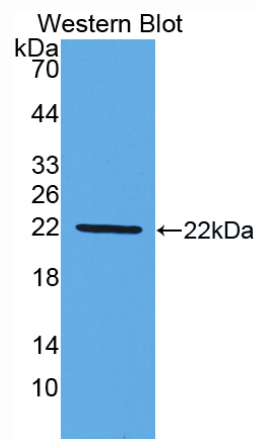
**Immunoglobulin Type:** IgG

**Purification:** Affinity Chromatography.

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

**Concentration:** 200µg/mL

**UOM:** 100µg



*Sample: Recombinant MUC2, Mouse*

## **[ IMMUNOGEN INFORMATION ]**

**Immunogen:** Recombinant MUC2 (Val1294~Pro1442) expressed in *E.coli*.

**Accession No.:** RPA705Mu03

**Sequence:** The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHHSGSEF- VPCCFWS DWINKYHPTK ENGGDRETFT HVCSAPEDIE  
CRAATDPKLS WEELGQKVQC NVSTGLICNN EDQYGIGEFE LCYDYEIRVN CCYPMEYCTP  
STISPTTSTT TLSTTPPTSS PTTLPSTSPV TSSATLPPTS SITSTISPTT SP

## **[ ANTIBODY SPECIFICITY ]**

The antibody is a rabbit polyclonal antibody raised against MUC2. It has been selected for its ability to recognize MUC2 in immunohistochemical staining and western blotting.

## **[ APPLICATIONS ]**

Western blotting: 1:50-400

Immunocytochemistry in formalin fixed cells: 1:50-500

Immunohistochemistry in formalin fixed frozen section: 1:50-500

Immunohistochemistry in paraffin section: 1:10-100

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

## **[ CONTENTS ]**

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 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.