

**LAA684Hu71**  
**Biotin-Linked Polyclonal Antibody to Mucin 5 Subtype B (MUC5B)**  
**Organism Species: Homo sapiens (Human)**  
*Instruction manual*

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

---

12th Edition (Revised in Aug, 2016)

## **[ PROPERTIES ]**

**Source:** Antibody labeling

**Host:** Rabbit

**Purification:** Antigen-specific Affinity Chromatography.

**Label:** Biotin

**Original Antibody:** PAA684Hu01

**Traits:** Liquid

**Concentration:** 200µg/mL

**UOM:** 100µg

**Applications:** WB; ICC; IHC-P; IHC-F; IF; ELISA.

## **[ IMMUNOGEN ]**

**Immunogen:** Recombinant MUC5B (Lys5366~Val5444) expressed in *E.coli*.

**Accession No.:** RPA684Hu01

## **[ APPLICATIONS ]**

Western blotting: 0.5-2ug/ml

Immunocytochemistry in formalin fixed cells: 5-20ug/ml

Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml

Immunohistochemistry in paraffin section: 5-20ug/ml

Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml

Optimal working dilutions must be determined by end user.

## **[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

## **[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.