



**LAA074Mu81**  
**FITC-Linked Polyclonal Antibody to Immunoglobulin G1 (IgG1)**  
**Organism Species: *Mus musculus* (Mouse)**  
***Instruction manual***

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

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12th Edition (Revised in Aug, 2016)

## **[ PROPERTIES ]**

**Source:** Antibody labeling

**Host:** Rabbit

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

**Label:** FITC

**Original Antibody:** PAA074Mu01

**Traits:** Liquid

**Concentration:** 200µg/mL

**UOM:** 100µg

**Applications:** ICC; IHC-P; IHC-F; ELISA, Flow Cyt, IF.

## **[ IMMUNOGEN ]**

**Immunogen:** Synthetic Peptide, IgG1 conjugated to OVA

**Accession No.:** CPA074Mu21

**Sequence:** The target peptide sequence is listed below.

**DCGCKPCICT VPEVS**

## **[ APPLICATIONS ]**

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 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 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 two years.

**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.

Note: As fluorescence can photobleach when exposed to light, so the antibody must be protected from light.