

**PAE651Hu01**

**Polyclonal Antibody to Minichromosome Maintenance Deficient 5 (MCM5)**

**Organism Species: Homo sapiens (Human)**

***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:** Polyclonal antibody preparation

**Host:** Rabbit

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

**Traits:** Liquid

**Concentration:** 500µg/mL

**UOM:** 100µg

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

## **[ IMMUNOGEN ]**

**Immunogen:** Recombinant MCM5 (Val331~Ile537) expressed in *E.coli*.

**Accession No.:** RPE651Hu01

## **[ APPLICATIONS ]**

Western blotting: 1-5ug/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 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

## **[ STORAGE AND STABILITY ]**

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

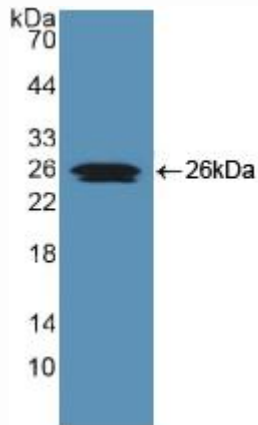
Store at 4°C for frequent use.

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

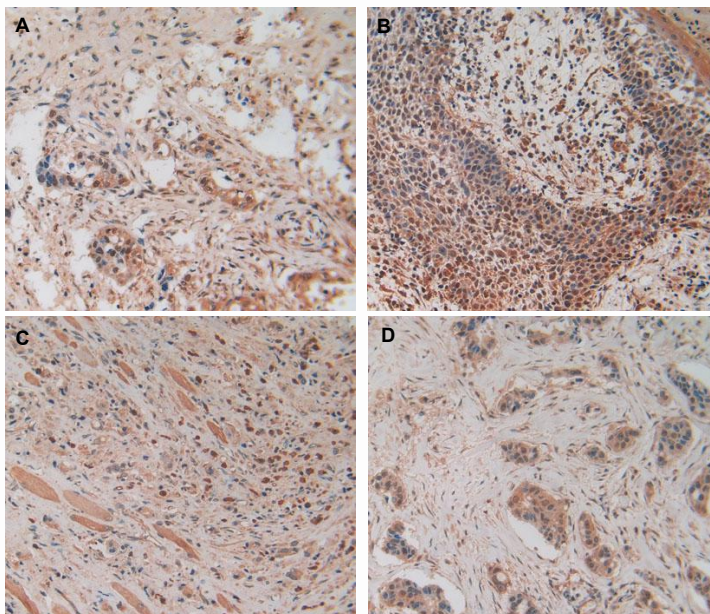
observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## [ IDENTIFICATION ]



**Figure 1. Western Blot**

**Sample: Recombinant MCM5, Human**



**Figure 2. DAB staining on IHC-P**

**Samples:**

- A. Human Pancreas Cancer Tissue**
- B. Human Skin Cancer Tissue**
- C. Human Prostate Gland Cancer Tissue**
- D. Human Breast Cancer Tissue**