

**PAA285Mi01**

**Polyclonal Antibody to Histone H3 (H3)**

**Organism Species: *Homo sapiens* (Human), *Mus musculus* (Mouse), *Rattus norvegicus* (Rat), *Oryctolagus cuniculus* (Rabbit), *Rhesus monkey* (Simian), *Canis familiaris*; Canine (Dog), *Bos taurus*; Bovine (Cattle), *Equus caballus*; Equine (Horse), *Chicken* (*Gallus*)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

**[ PROPERTIES ]**

**Source:** Polyclonal antibody preparation

**Host:** Rabbit

**Purification:** Antigen-specific affinity chromatography followed by Protein A affinity chromatography

**Traits:** Liquid

**Concentration:** 0.5mg/ml

**UOM:** 100µl

**Cross Reactivity:** Human; Mouse; Rat; Cavia; Simian; Canine; Porcine; Bovine; Ovine; Equine; Gallus

**Applications:** WB; IHC; ICC; IP.

**[ IMMUNOGEN ]**

**Immunogen:** Recombinant Histone H3 (Met1~Ala136) expressed in *E.coli*

**Accession No.:** RPA285Mi01

**[ APPLICATIONS ]**

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/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 24 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.

**[ IDENTIFICATION ]**

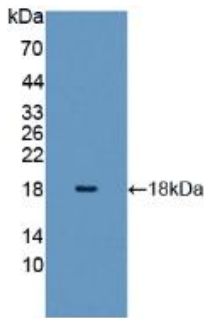


Figure. Western Blot ; Sample: Recombinant H3, Mouse.

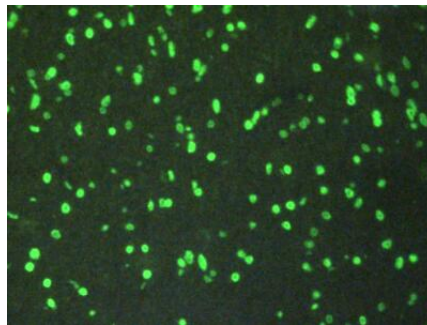
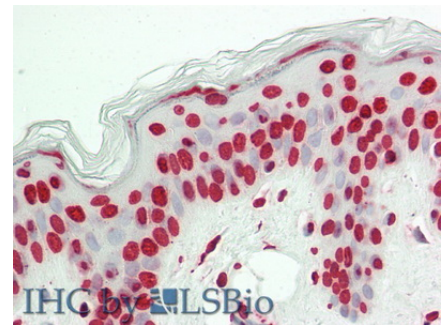
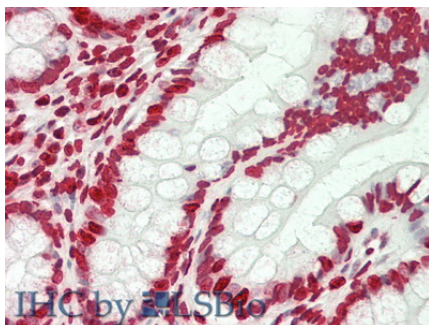


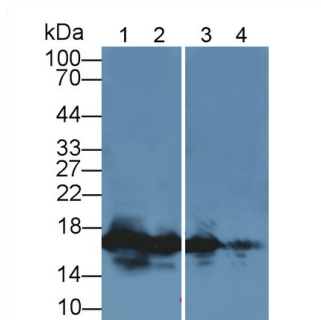
Figure: FITC staining on IHC-P; Sample: Rat Brain Tissue.



Vector Red staining on IHC-P; Samples: Human Skin Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human H3 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



Vector Red staining on IHC-P; Samples: Human Small Intestine Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human H3 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



Western Blot; Sample: Lane1: Human Lung lysate; Lane2: Human Placenta lysate; Lane3: Rat Liver lysate; Lane4: Rat Cerebrum lysate Primary Ab: 1µg/ml Rabbit Anti-Multi-species H3 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

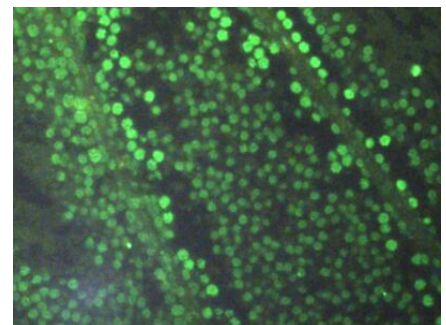


Figure: FITC staining on IHC-P; Sample: Rat Testis Tissue.

(Catalog: SAA544Rb19)

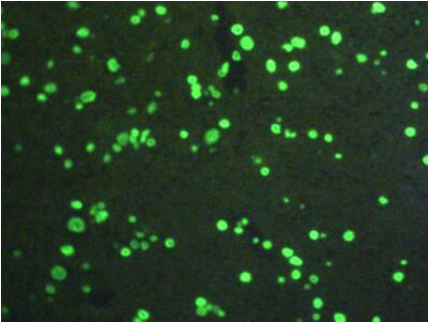


Figure: FITC staining on IHC-P;  
Sample: Rat Spinal Cord Tissue.

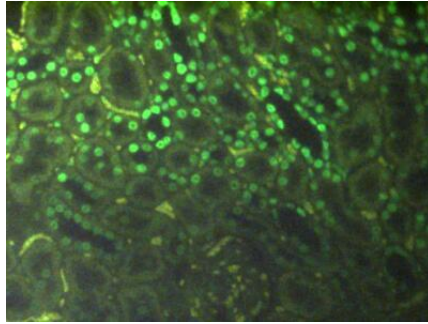


Figure: FITC staining on IHC-P;  
Sample: Rat Kidney Tissue.

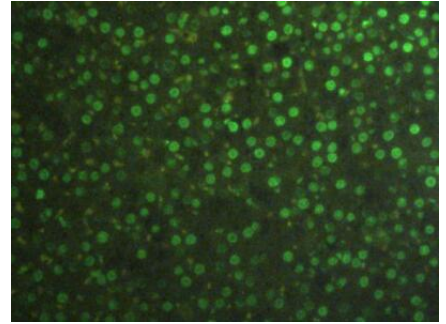


Figure: FITC staining on IHC-P;  
Sample: Rat Adrenal Tissue.

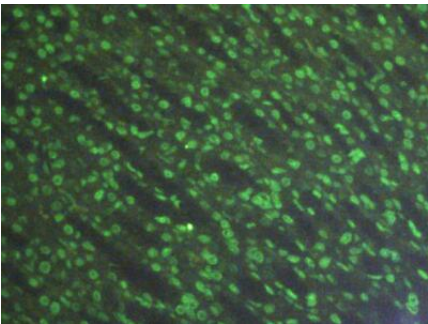


Figure: FITC staining on IHC-P;  
Sample: Rat Stomach Tissue.

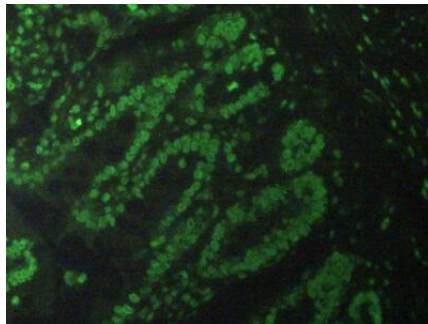


Figure: FITC staining on IHC-P;  
Sample: Rat Small Intestine Tissue.

**[ IMPORTANT NOTE ]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.