

PAA928Ra01

Polyclonal Antibody to Tumor Protein p53 (P53)

Organism Species: *Rattus norvegicus* (Rat)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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

Applications: WB; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant P53 (Pro90~Ala354) expressed in *E.coli*

Accession No.: RPA928Ra01

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Immunofluorescence: 5-40μg/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.

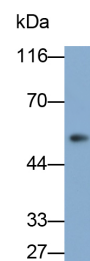
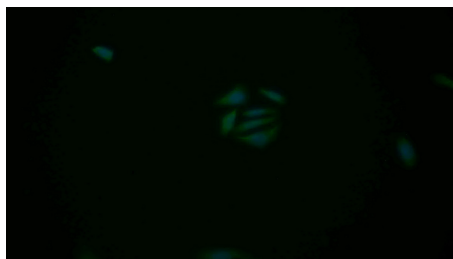
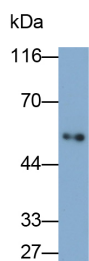
Store at 4°C for frequent use.

Aliquot and store at -20°C for 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]

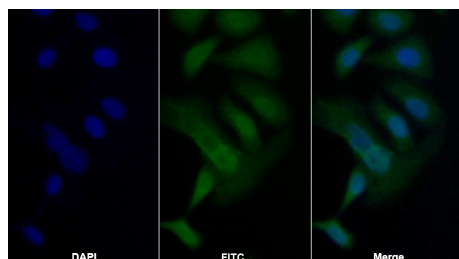


FITC staining on IF; Samples: Human

Western Blot; Sample: 293T cell lysate
Primary Ab: 0.5µg/ml Rabbit Anti-Rat
P53 Antibody Second Ab: 0.2?g/ml
HRP-Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)

HepG2 cell; Primary Ab: 20µg/mL
Rabbit Anti-Rat TP53 Antibody Second
Ab: 1.5µg/mL FITC-Linked Caprine Anti-
Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb18)

Western Blot; Sample: HaCaT cell
lysate
Primary Ab: 0.5µg/ml Rabbit Anti-Rat
P53 Antibody
Second Ab: 0.2?g/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



FITC staining on IF;

Samples: Human HeLa cell;

Primary Ab: 40µg/mL Rabbit Anti-Rat
TP53 Antibody
Second Ab: 1.5µg/mL FITC-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb18)

[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.