

PAA663Hu01

Polyclonal Antibody to Toll Like Receptor 2 (TLR2)

Organism Species: *Homo sapiens (Human)*

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: 20µg(40µL)

Cross Reactivity: Porcine

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant TLR2 (Pro47~Gly245) expressed in *E.coli*

Accession No.: RPA663Hu01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunofluorescence: 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% NaN₃, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

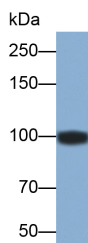
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

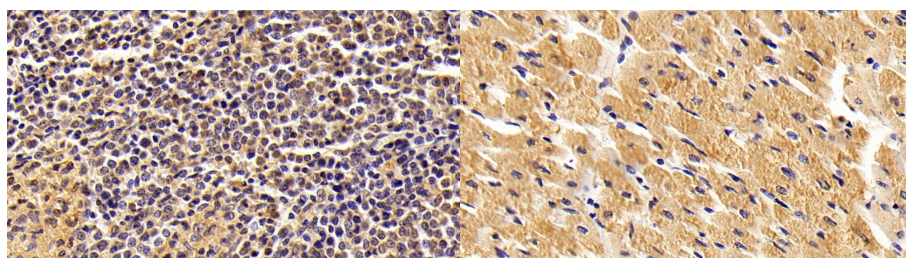
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

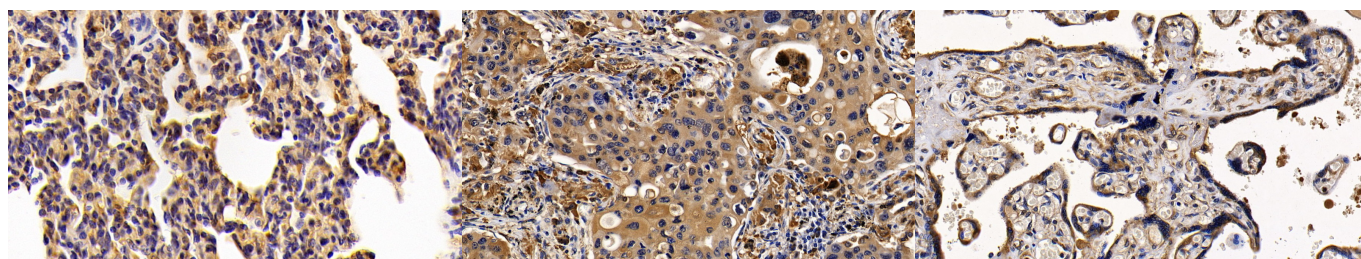


Western Blot; Sample: THP1 cell lysate
Primary Ab: 1µg/ml Rabbit Anti-Human TLR2 Antibody Second Ab: 0.2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Porcine Spleen Tissue; Primary Ab: 20µg/ml Rabbit Anti-Human TLR2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

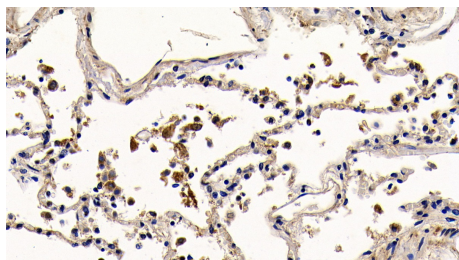
DAB staining on IHC-P; Samples: Porcine Cardiac Muscle Tissue; Primary Ab: 20µg/ml Rabbit Anti-Human TLR2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Porcine Lung Tissue; Primary Ab: 20µg/ml Rabbit Anti-Human TLR2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

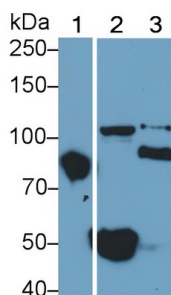
DAB staining on IHC-P; Sample: Human Lung cancer Tissue; Primary Ab: 10ug/ml Rabbit Anti-Human TLR2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

DAB staining on IHC-P; Sample: Human Placenta Tissue; Primary Ab: 10ug/ml Rabbit Anti-Human TLR2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

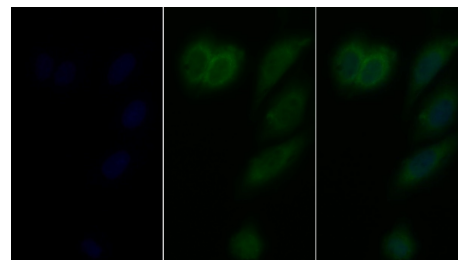


DAB staining on IHC-P;

Sample: Human Lung Tissue;
Primary Ab: 10ug/ml Rabbit Anti-Human TLR2 Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

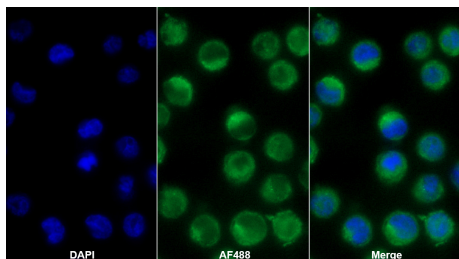


Western Blot; Sample: Lane1: Human Lymphocyte lysate; Lane2: Human Lung lysate; Lane3: Human Milk
Primary Ab: 1µg/ml Rabbit Anti-Human TLR2 Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



FITC staining on IF;

Sample: Human HepG2 cell;
Primary Ab: 20ug/ml Rabbit Anti-Human TLR2 Antibody
Second Ab: 2µg/mL FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb18)



AF488 staining on IF;

Sample: THP1 cell
Primary Ab: 20µg/ml Rabbit Anti-Human TLR2 Antibody
Second Ab: 2µg/ml AF488-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb11)

[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.