

MAA663Hu22

Monoclonal 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: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG1 Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C16

Traits: Liquid

Concentration: 1mg/mL

UOM: 200μL

Cross Reactivity: Rat.

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: 5-30μg/mL;

Immunofluorescence: 5-20μg/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.

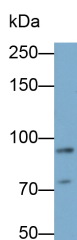
Store at 4°C for frequent use.

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

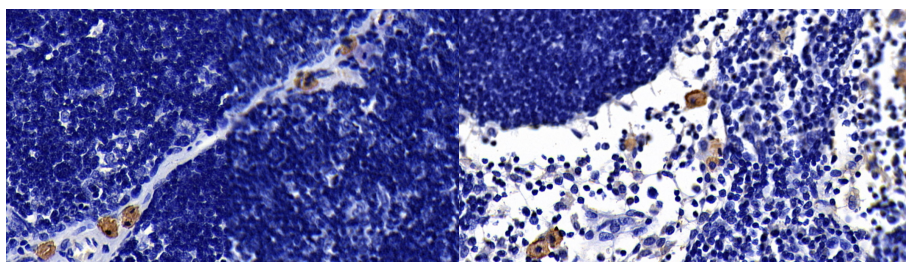
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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]

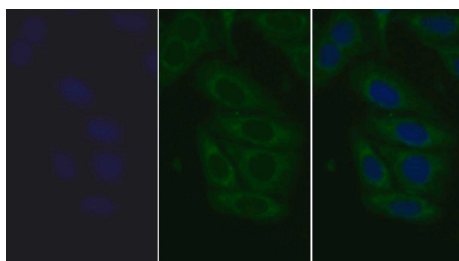


Western Blot; Sample: Human Milk
Primary Ab: 1µg/ml Mouse Anti-Human
TLR2 Antibody
Second Ab: 0.2µg/ml HRP-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: SAA544Mu19)



DAB staining on IHC-P;
Sample: Rat Thymus Tissue;
Primary Ab: 30µg/ml Mouse Anti-
Human TLR2 Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: SAA544Mu19)

DAB staining on IHC-P;
Sample: Rat Lymph node Tissue;
Primary Ab: 30µg/ml Mouse Anti-
Human TLR2 Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: SAA544Mu19)



FITC staining on IF; Sample: Human
HepG2 cell;
Primary Ab: 20µg/ml Mouse Anti-
Human TLR2 Antibody
Second Ab: 5µg/ml FITC-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: SAA544Mu18)

[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.