

PAL763Hu01

Polyclonal Antibody to Myxovirus Resistance 1 (MX1)

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: 100μL

Cross Reactivity: Mouse

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant MX1 (Ser80~Leu342) expressed in *E.coli*

Accession No.: RPL763Hu01

[APPLICATIONS]

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

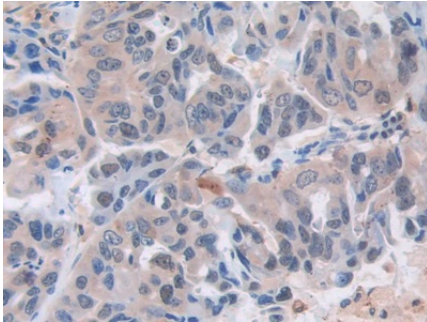
Store at 4°C for frequent use.

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

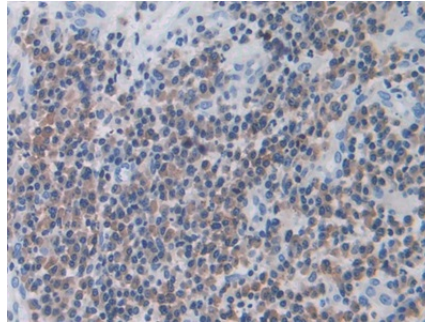
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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

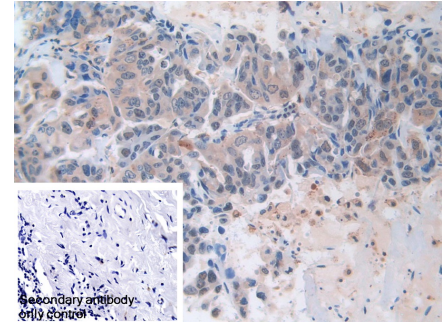
[IDENTIFICATION]



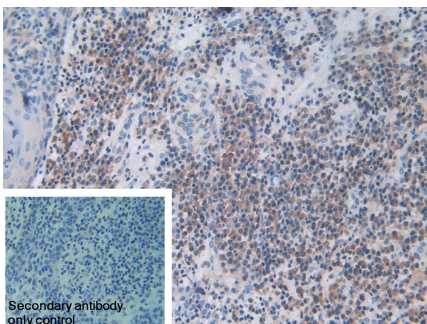
DAB staining on IHC-P; Samples:
Human Breast cancer Tissue; Primary
Ab: 10µg/ml Rabbit Anti-Human MX1
Antibody Second Ab: 2µg/mL HRP-
Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)



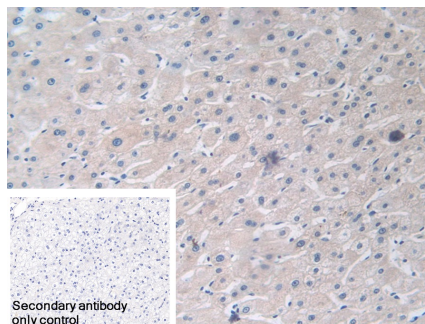
DAB staining on IHC-P;
Samples: Human Skin cancer Tissue;
Primary Ab: 10µg/ml Rabbit Anti-
Human MX1 Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



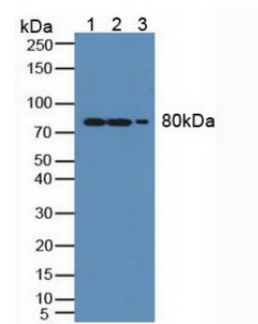
DAB staining on IHC-P;
Sample: Human Breast cancer Tissue
Primary Ab: 10µg/ml Rabbit Anti-
Human MX1 Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2µg/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Sample: Human Skin cancer Tissue
Primary Ab: 10µg/ml Rabbit Anti-
Human MX1 Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2µg/ml HRP-Linked



DAB staining on IHC-P;
Sample: Human Liver Tissue
Primary Ab: 10µg/ml Rabbit Anti-
Human MX1 Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2µg/ml HRP-Linked

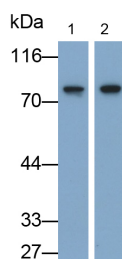


Western Blot; Sample: Lane1: A549 cell
lysate; Lane2: Mouse Lung lysate;
Lane3: Mouse Spleen lysate
Primary Ab: 5ug/ml Rabbit Anti-Human
MX1 Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Western Blot; Samples: Lane1: A549 cell lysate; Lane2: HepG2 cell lysate;

Primary Ab: 0.2µg/ml Rabbit Anti-Human MX1 Antibody

Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal

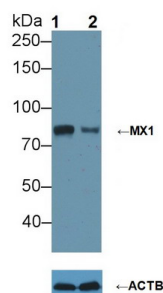
Antibody

(Catalog: SAA544Rb19)

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



Knockout Varification:

Lane 1: Wild-type A549 cell lysate; Lane 2: MX1 knockout A549 cell lysate;

Predicted MW: 76kDa

Observed MW: 80kDa

Primary Ab: 5µg/ml Rabbit Anti-Human

MX1 Ab

Second Ab: 0.2µg/mL HRP-Linked

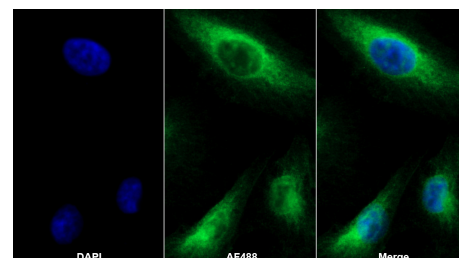
Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)

Antibody

(Catalog: SAA544Rb19)



AF488 staining on IF;

Sample: A549 cell

Primary Ab: 20µg/ml Rabbit Anti-Human MX1 Antibody

Second Ab: 2?g/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.