

MAA092Ra21

Monoclonal Antibody to Macrophage Inflammatory Protein 1 Alpha (MIP1a)

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: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG1 Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C6

Traits: Liquid

Concentration: 1mg/mL

UOM: 100μL

Cross Reactivity: N/A

Applications: IHC

[IMMUNOGEN]

Immunogen: Recombinant MIP1a (Ala24~Ala92 (Accession # P50229)) expressed in *E.coli*

Accession No.: RPA092Ra01

[APPLICATIONS]

Immunohistochemistry: 5-30μg/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.

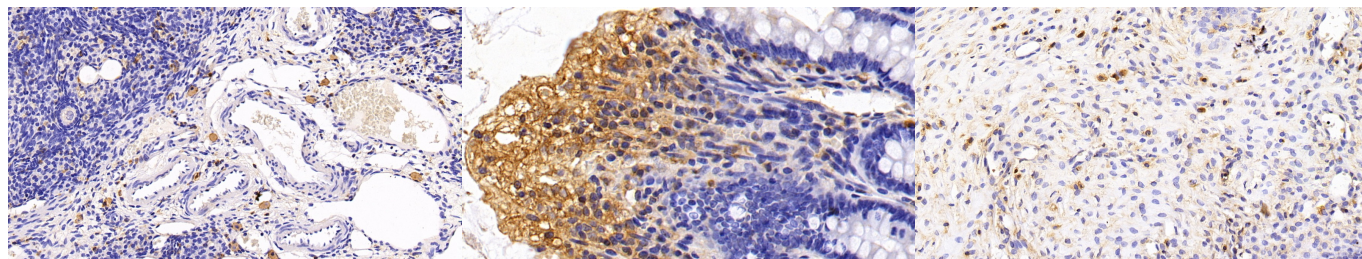
Store at 4°C for frequent use.

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.

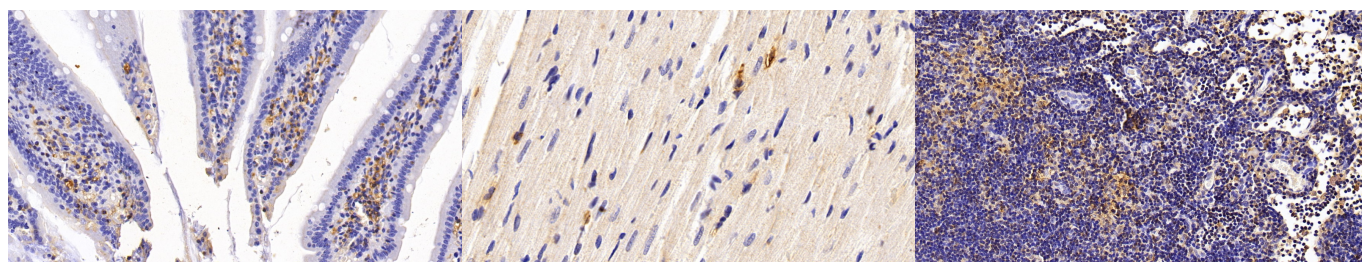
[IDENTIFICATION]



DAB staining on IHC-P; Sample: Rat Ovary Tissue; Primary Ab: 30µg/ml Mouse Anti-Rat MIP1a Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

DAB staining on IHC-P; Sample: Rat Colon Tissue; Primary Ab: 30µg/ml Mouse Anti-Rat MIP1a Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

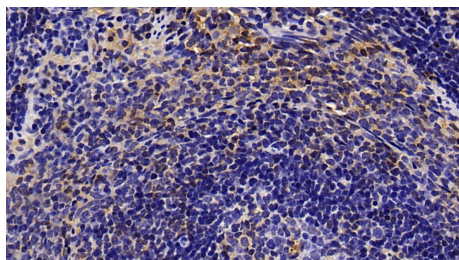
DAB staining on IHC-P; Sample: Rat Uterus Tissue; Primary Ab: 30µg/ml Mouse Anti-Rat MIP1a Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



DAB staining on IHC-P; Sample: Rat Small intestine Tissue; Primary Ab: 30µg/ml Mouse Anti-Rat MIP1a Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

DAB staining on IHC-P; Sample: Rat Cardiac Muscle Tissue; Primary Ab: 30µg/ml Mouse Anti-Rat MIP1a 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-Rat MIP1a Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



DAB staining on IHC-P;

Sample: Rat Spleen Tissue;

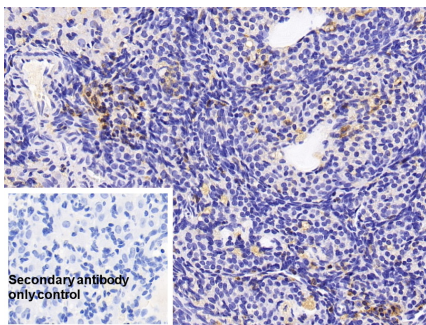
Primary Ab: 30µg/ml Mouse Anti-Rat

MIP1a Antibody

Second Ab: 2µg/mL HRP-Linked

Caprine Anti-Mouse IgG Polyclonal
Antibody

(Catalog: SAA544Mu19)



DAB staining on IHC-P;

Sample: Rat Ovary Tissue

Primary Ab: 30µg/ml Mouse Anti-Rat

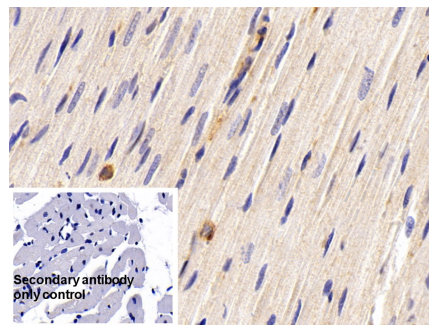
MIP1a Antibody

Control: Used PBS instead of primary
antibody

Second Ab: 2µg/ml HRP-Linked

Caprine Anti-Mouse IgG Polyclonal
Antibody

(Catalog: SAA544Mu19)



DAB staining on IHC-P;

Sample: Rat Cardiac Muscle Tissue

Primary Ab: 30µg/ml Mouse Anti-Rat

MIP1a Antibody

Control: Used PBS instead of primary
antibody

Second Ab: 2µg/ml HRP-Linked

Caprine Anti-Mouse IgG Polyclonal
Antibody

(Catalog: SAA544Mu19)

[**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.